JVC

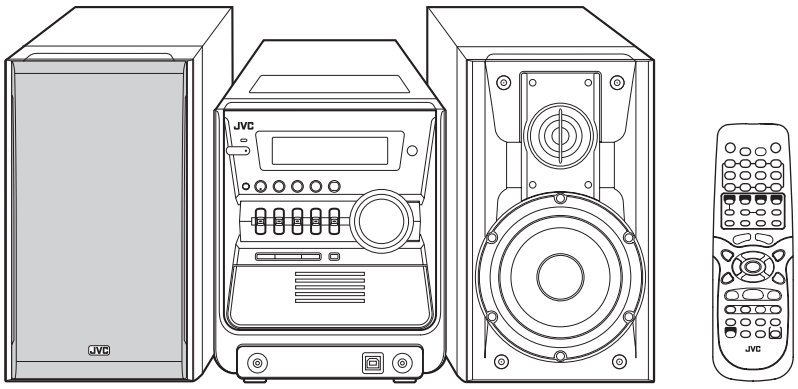
SERVICE MANUAL

COMPACT COMPONENT SYSTEM

FS-GD7

Area suffix

J ---------- U.S.A.
C ---------- Canada



Digital Direct Progressive Scan

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

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No.MB355
2005/5

SPECIFICATION

Amplifier section	Output Power		90 W per channel, min. RMS, driven into 6Ω at 1 kHz with no more than 10% total harmonic distortion.
	Analog input	AUX	Sensitivity/Impedance (at 1 kHz) 400 mV/47 kΩ
		USB input	USB Ver.1.1
	Digital output	OPTICAL DIGITAL OUT	-21 dBm to -15 dBm (660 nm ±30 nm)
	VIDEO OUT	Color system	NTSC
		VIDEO (composite)	1 V(p-p)/75Ω
		S-VIDEO	Y (luminance):1 V(p-p)/75Ω C (chrominance, burst):0.286 V(p-p)/75Ω
		COMPONENT	(Y):1 V(p-p)/75Ω (PB/PR):0.7 V(p-p)/75Ω
		Speaker terminals	Impedance:6Ω - 16Ω
Tuner section	FM tuning range		87.5 MHz - 108.0 MHz
	AM tuning range		530 kHz - 1 710 kHz
Disc player section	Playable disc		DVD Video/DVD Audio CD/VCD/SVCD CD-R/CD-RW (recorded in Audio CD/Video CD/ Super Video CD/ MP3/ JPEG format) DVD-R/DVD-RW (recorded in video format)
	Horizontal resolution		500 lines
	Wow and flutter		Immeasurable
General	Power requirement		AC 120 V , 60 Hz
	Power consumption		150 W (at operation) 26 W (on standby) 1.3 W (with deactivating the clock indication)
	Dimensions (approx.)		189 mm × 224 mm × 406 mm (7-1/2inch × 8-7/8inch × 16 inch)(W/H/D)
	Mass (approx.)		6.5 kg (14.4 lbs)
Speakers	Type		2-way Bass-reflex type Magnetically shielded
	Speaker systems	Woofer	12 cm (4-3/4inch) cone × 1
		Tweeter	4 cm (1-5/8inch) cone × 1
	Power handling capacity		90 W
	Impedance		6Ω
	Frequency range		45 Hz - 20 000 Hz
	Sound pressure level		84 dB/W·m
	Dimensions (approx.)		165 mm × 286 mm × 237 mm (6-/1/2inch × 11-5/16inch × 9-3/8inch)(W/H/D)
	Mass (approx.)		2.8 kg (6.2 lbs) each

Design and specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 Safety Precautions

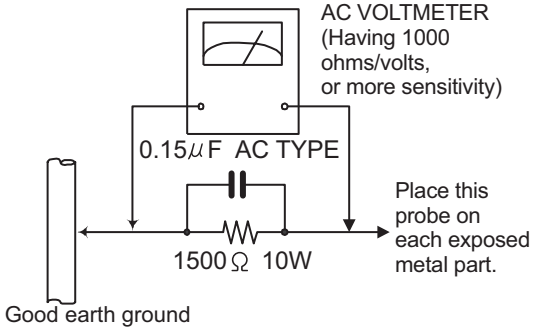
(1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.

(4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

(5) Leakage shock hazard testing
After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.Do not use a line isolation transformer during this check.
- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method
Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000Ω per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground.
Measure the AC voltage across the resistor with the AC voltmeter.
Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



1.2 Warning

(1) This equipment has been designed and manufactured to meet international safety standards.
(2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
(3) Repairs must be made in accordance with the relevant safety standards.
(4) It is essential that safety critical components are replaced by approved parts.
(5) If mains voltage selector is provided, check setting for local voltage.

1.3 Caution

Burrs formed during molding may be left over on some parts of the chassis.
Therefore, pay attention to such burrs in the case of preforming repair of this system.

1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▮) and ICP (●) or identified by the " ⚠ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.
(This regulation dose not Except the J and C version)

1.5 Preventing static electricity

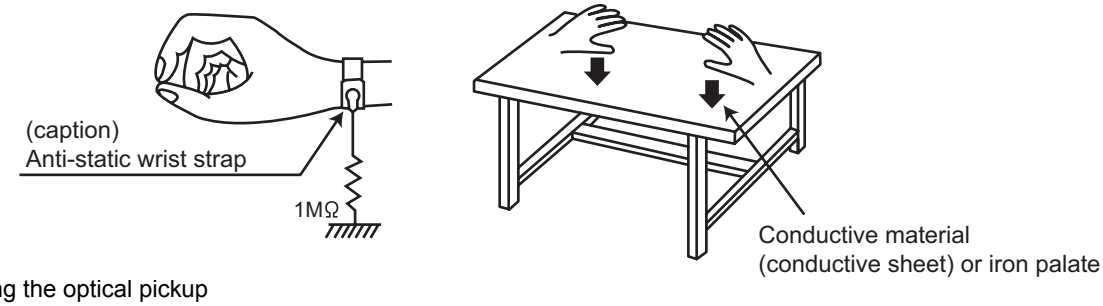
Electrostatic discharge (ESD), which occurs when static electricity stored in the body, fabric, etc. is discharged, can destroy the laser diode in the traverse unit (optical pickup). Take care to prevent this when performing repairs.

1.5.1 Grounding to prevent damage by static electricity

Static electricity in the work area can destroy the optical pickup (laser diode) in devices such as laser products.
Be careful to use proper grounding in the area where repairs are being performed.

(1) Ground the workbench
Ground the workbench by laying conductive material (such as a conductive sheet) or an iron plate over it before placing the traverse unit (optical pickup) on it.

(2) Ground yourself
Use an anti-static wrist strap to release any static electricity built up in your body.



(3) Handling the optical pickup
- In order to maintain quality during transport and before installation, both sides of the laser diode on the replacement optical pickup are shorted. After replacement, return the shorted parts to their original condition. (Refer to the text.)
- Do not use a tester to check the condition of the laser diode in the optical pickup. The tester's internal power source can easily destroy the laser diode.

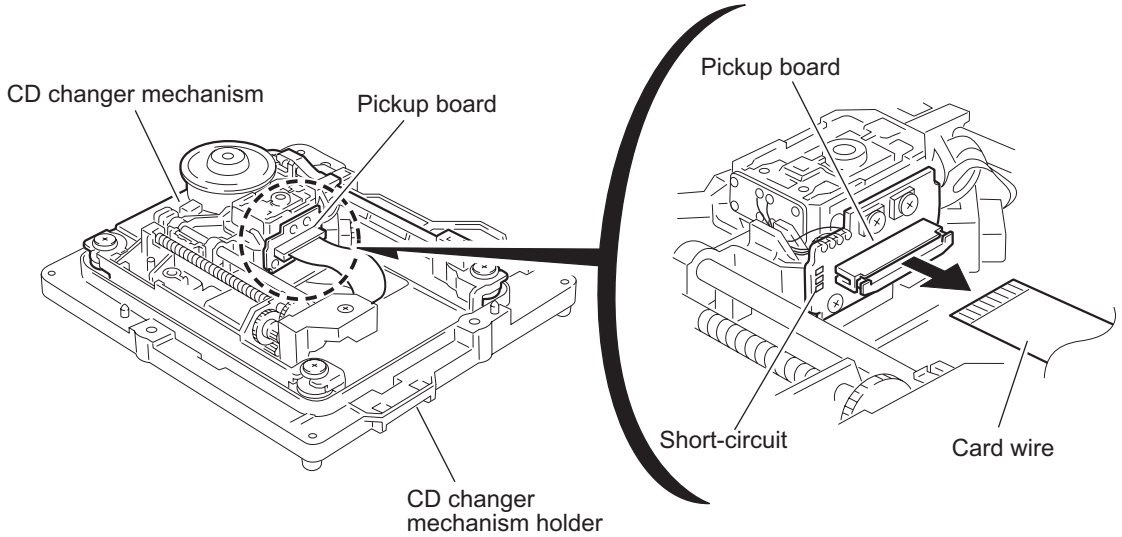
1.6 Handling the traverse unit (optical pickup)

(1) Do not subject the traverse unit (optical pickup) to strong shocks, as it is a sensitive, complex unit.
(2) Cut off the shorted part of the flexible cable using nippers, etc. after replacing the optical pickup. For specific details, refer to the replacement procedure in the text. Remove the anti-static pin when replacing the traverse unit. Be careful not to take too long a time when attaching it to the connector.
(3) Handle the flexible cable carefully as it may break when subjected to strong force.
(4) I t is not possible to adjust the semi-fixed resistor that adjusts the laser power. Do not turn it.

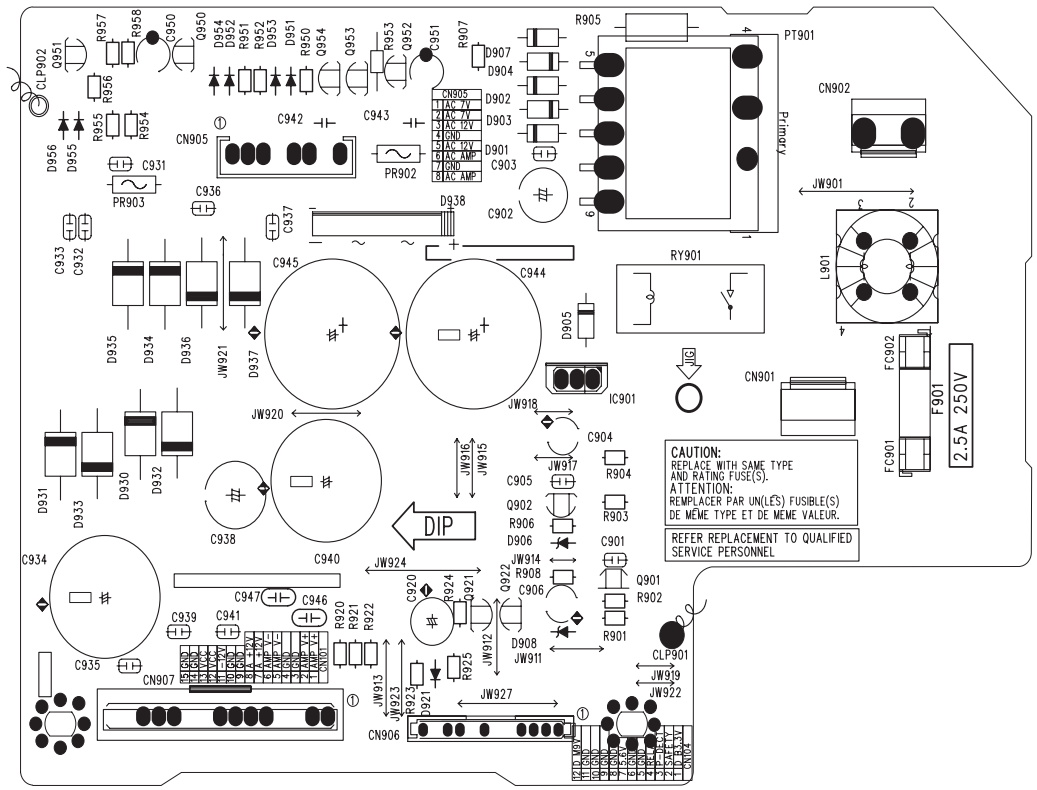
1.7 Attention when traverse unit is decomposed

***Please refer to "Disassembly method" in the text for the pickup unit.**

- Apply solder to the short land sections before the flexible wire is disconnected from the connecto on the servo board. (If the flexible wire is disconnected without applying solder, the pickup may be destroyed by static electricity.)
- In the assembly, be sure to remove solder from the short land sections after connecting the flexible wire.



1.8 Importance administering point on the safety



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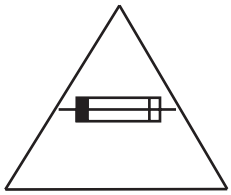


Caution: For continued protection against risk of fire, replace only with same type 2.5 A/250 V for F901.
This symbol specifies type of fast operating fuse.

Précaution: Pour eviter risques de feux, remplacez le fusible de sureté de F901 comme le meme type que 2.5 A/250.
Ce sont des fusibles sûretes qui functionnes rapide.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3
DISASSEMBLY

3.1 Main body

3.1.1 Removing the side panel (R)/ (L) (See Fig.1 to 3)

(1) Remove the three screws **A** attaching the side panel (R) on the back side and remove the screw **B** on the right side.
(2) Remove the three screws **A** attaching the side panel (L) on the back side and remove the screw **B** on the left side.
(3) Remove the side panel (R) and (L) backward.

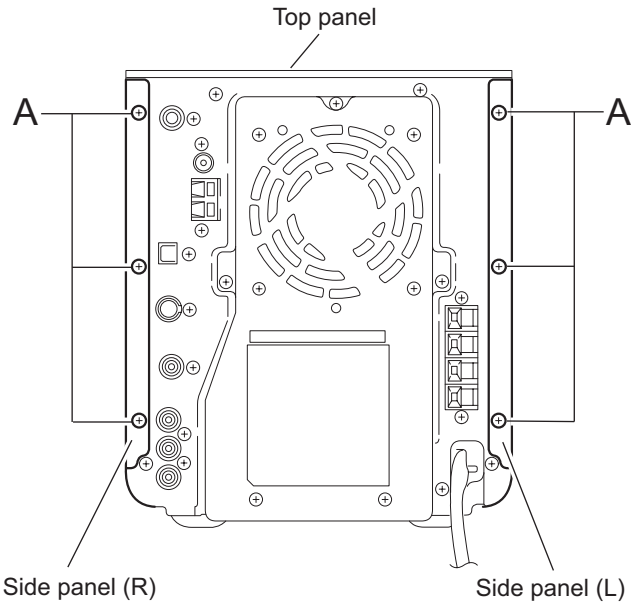


Fig.1

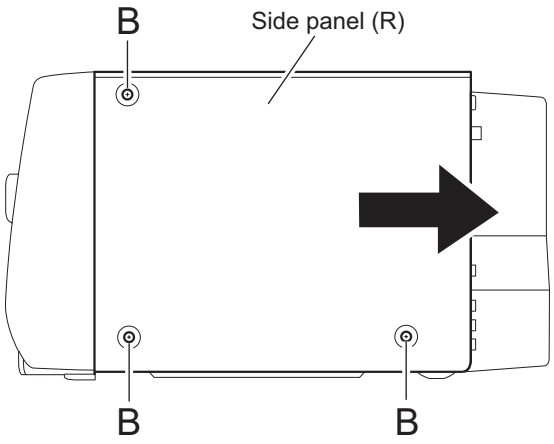


Fig.2

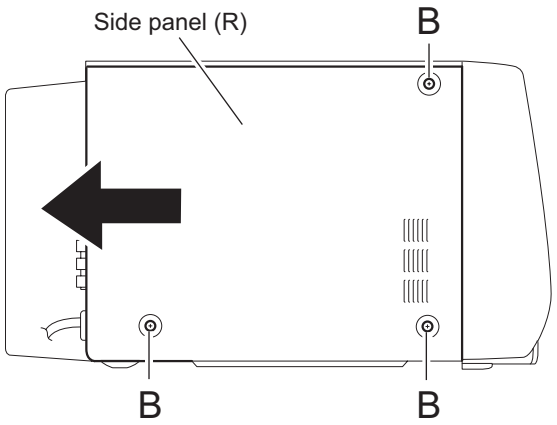


Fig.3

3.1.2 Removing the top panel (See Fig.4 to 7)

- Prior to performing the following procedure, remove the side panel (R)/(L).
  (1) From the back of the body, remove the two screws **D** attaching the top panel.
  (2) From each side of the body, remove the two screws **E** attaching the top panel.
  (3) From each side of the body, release the two joints **a** of the front panel assembly and top panel.
  (4) Remove the top panel rearward while moving the rear side of the top panel in the direction of the arrow.

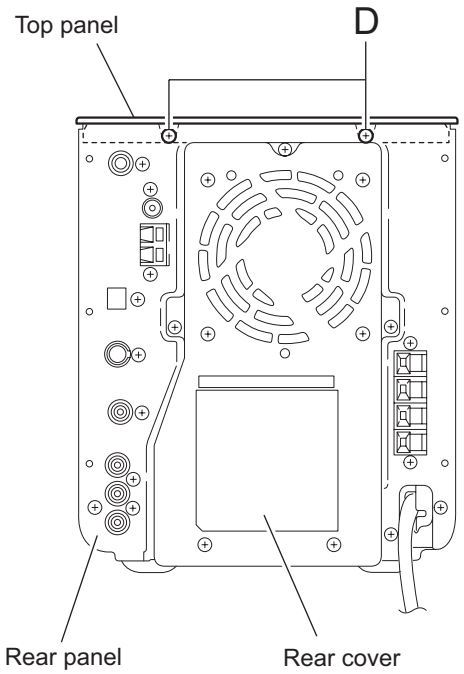


Fig.4

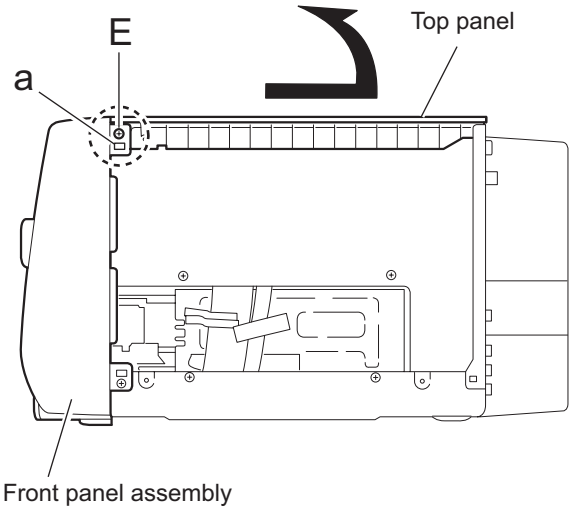


Fig.5

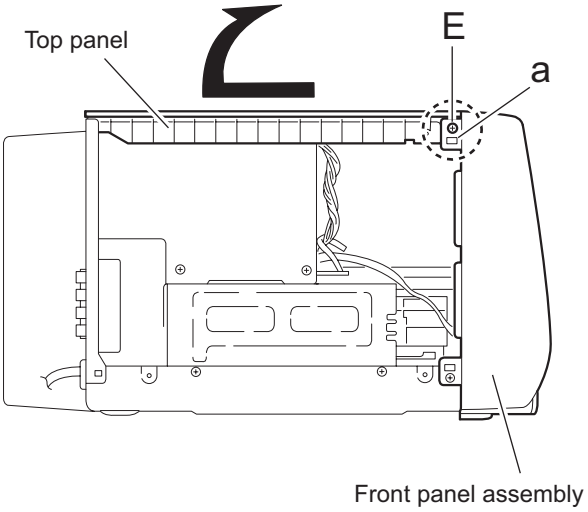


Fig.6

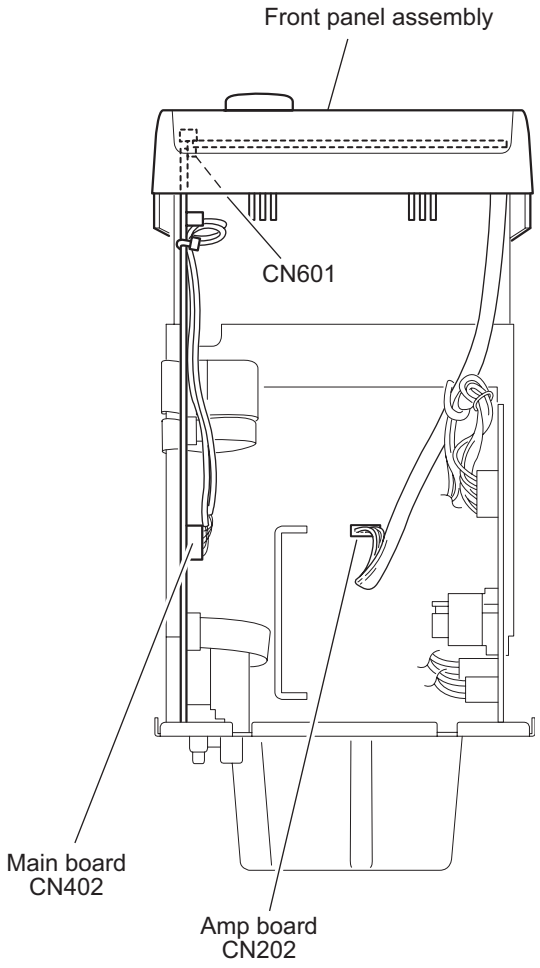


Fig.7

3.1.3 Front panel assembly section

3.1.3.1 Removing the front panel assembly (See Fig7 to 10)

- Prior to performing the following procedure, remove the side panel (R)/(L) and the top panel.
  (1) From top of the body, disconnect the wire from connector CN202 on the amp board.
  (2) From rear left side of the body, disconnect the wire from connector CN402 on the main board.
  (3) From the bottom of the body, remove the screw **F** attaching the front panel assembly.
  (4) From each side of the body, remove the two screws **G** attaching the front panel assembly.
  (5) Release the two joints **b** on both lower sides of the body and remove the front panel assembly forward while disconnecting connector CN601 on the front side of the main board.

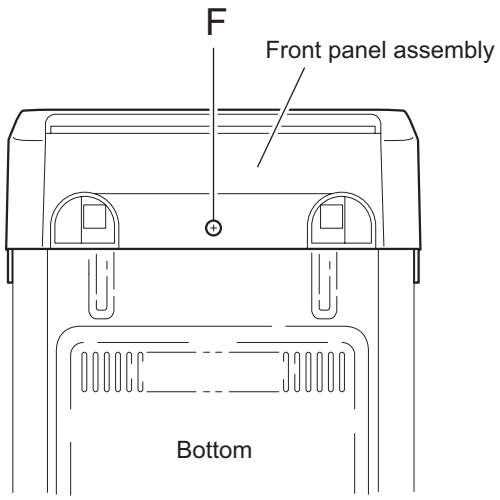


Fig.8

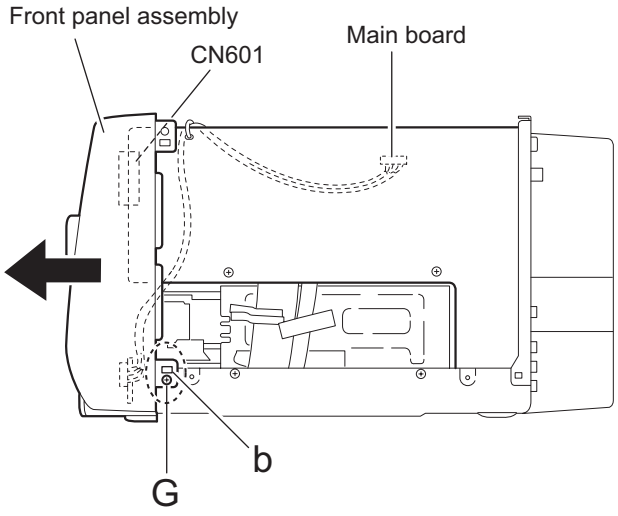


Fig.9

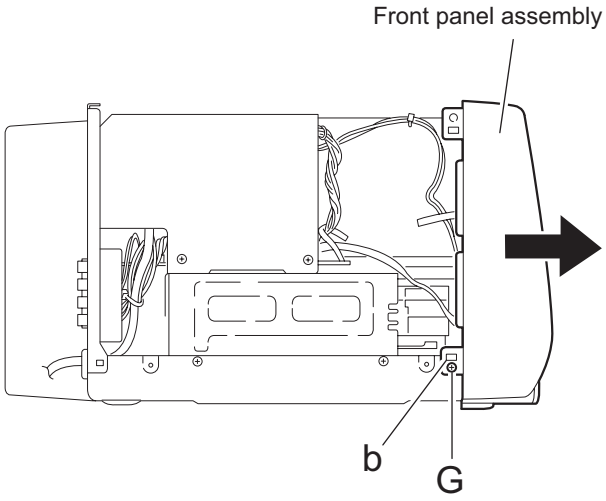


Fig.10

3.1.3.2 Removing the LCD & function board (See Fig.11)

- Prior to performing the following procedure, remove the front panel assembly.
  (1) Pull out the volume knob on the front side of front panel assembly.
  (2) Remove the eleven screws **H** attaching the LCD & function board.

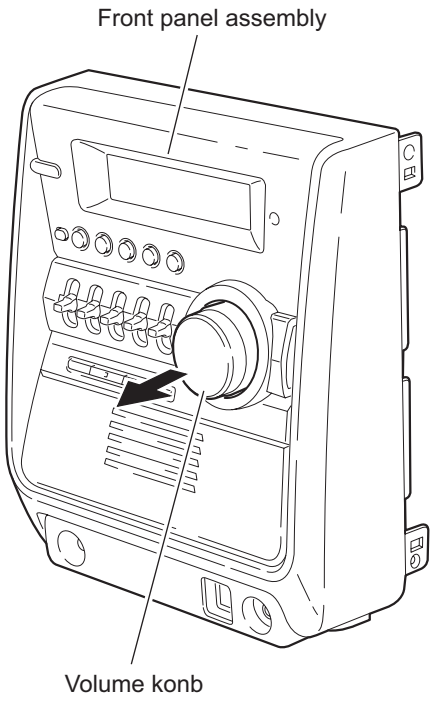


Fig.11

3.1.3.3 Removing the AUDIO & AUX board (See Fig.12)

- Prior to performing the following procedure, remove the front panel assembly.
  (1) Remove the two screws **J** attaching the AUDIO & AUX board.

3.1.3.4 Removing the PHONE board (See Fig.12)

- Prior to performing the following procedure, remove the front panel assembly.
  (1) Remove the two screws **K** attaching the PHONE board.

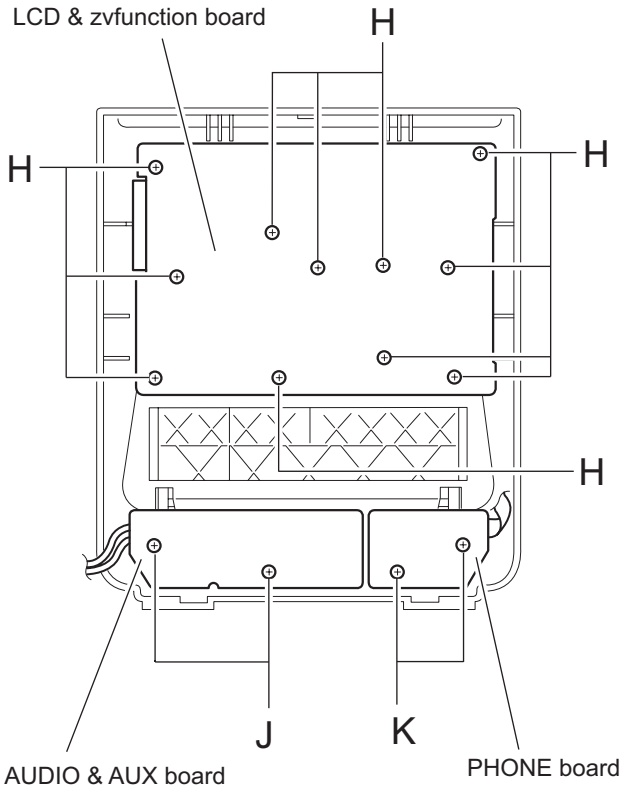


Fig.12

3.1.4 Removing the power (single) board (See Fig.13, 14)

- Prior to performing the following procedure, remove the side panel (R)/(L) and the top panel.
  (1) Disconnect the wire from connector CN901, CN902, CN905 on the power (single) board.
  (2) Disconnect the wire from connector on the amp board.
  (3) Remove the two screws **M** attaching the power (single) board.
  (4) Disconnect the connector CN906 and CN907 on the power (single) board from the amp board while moving it in the direction of the arrow.

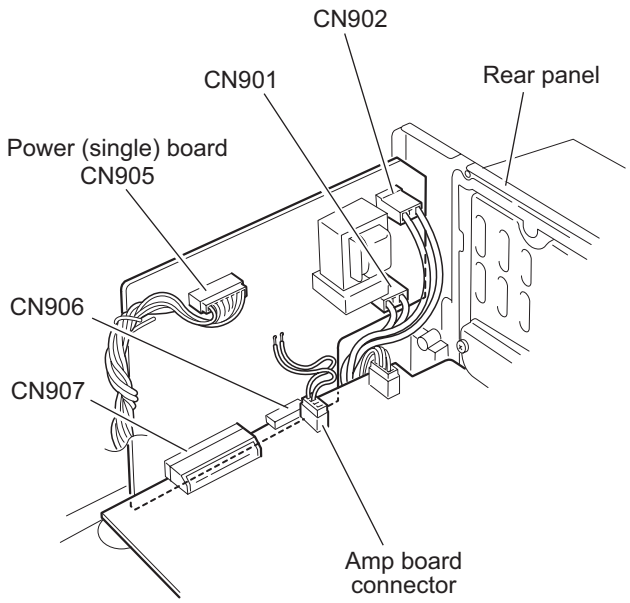


Fig.13

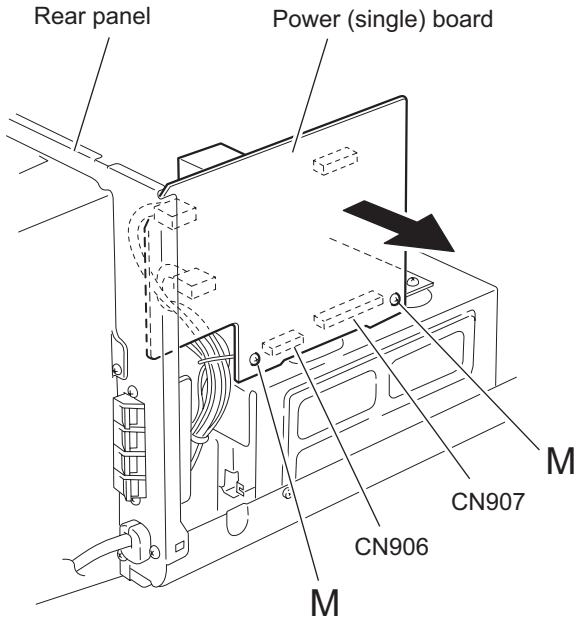


Fig.14

3.1.5 Removing the tuner pack (See Fig.15)

- Prior to performing the following procedure, remove the side panel (R)/(L) and the top panel.
  (1) Disconnect the card wire from connector CN401 on the main board.
  (2) From the back of the body, remove the two screws **N** attaching the tuner pack.

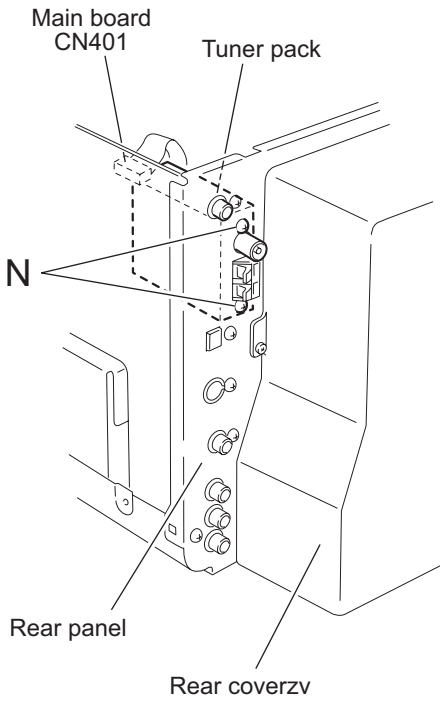


Fig.15

3.1.6 Removing the speaker board (See Fig.16)

- Prior to performing the following procedure, remove the side panel (R)/(L) and the top panel.
  (1) From top of the body, disconnect the wire from connector CN102 on the amp board.
  (2) From the back of the body, remove the two screws **P** attaching the speaker board.

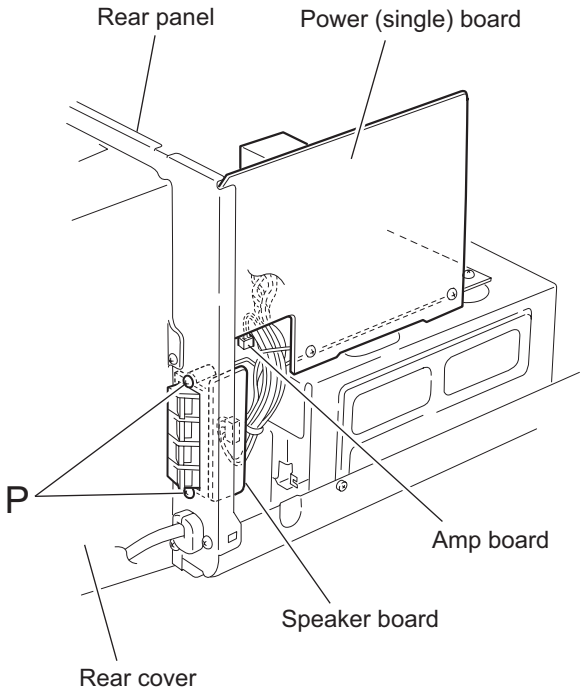


Fig.16

3.1.7 Removing the rear cover/ rear panel (See Fig.17 to 21)

- Prior to performing the following procedure, remove the side panel (R)/ (L) and the top panel.

Reference:

You do not have to remove the tuner pack to remove the rear cover/ rear panel.

(1) From top of the body, disconnect the wire from connector CN205 on the amp board.
(2) From the back of the body, remove the five screws **Q** attaching the rear cover. The rear cover and the fan come off.
(3) From top of the body, disconnect the card wire from connector CN401 on the main board.
(4) From the back of the body, remove the two screws **P** and the eight screws **R** attaching the rear panel.
(5) From the back of the body, remove the four screws **T** attaching the heat sink bracket.
(6) Release the two joints **d** on both lower side of the rear panel and remove the rear panel backward.

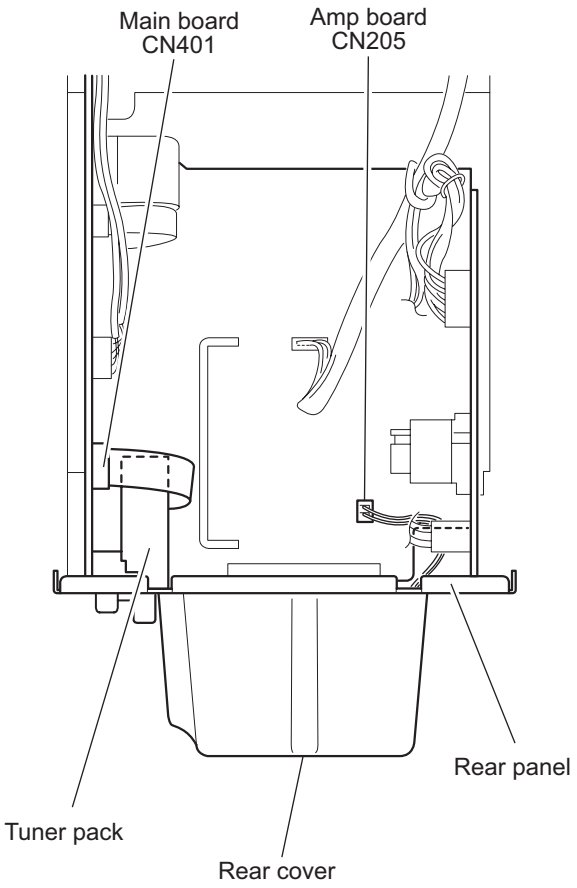


Fig.17

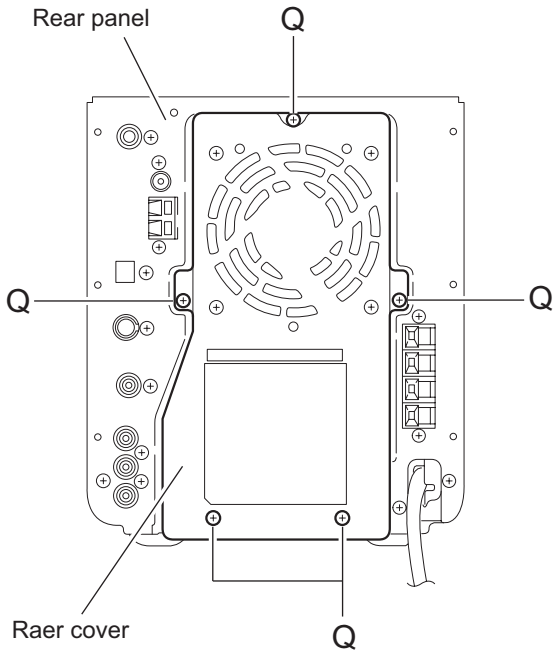


Fig.18

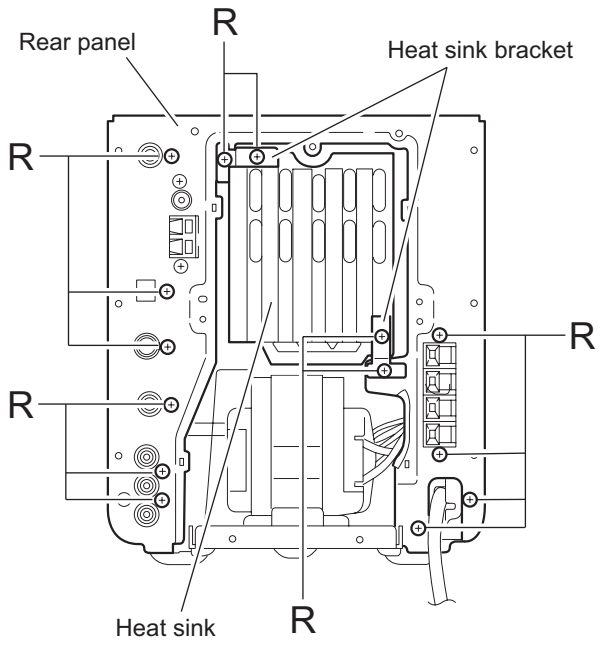


Fig.19

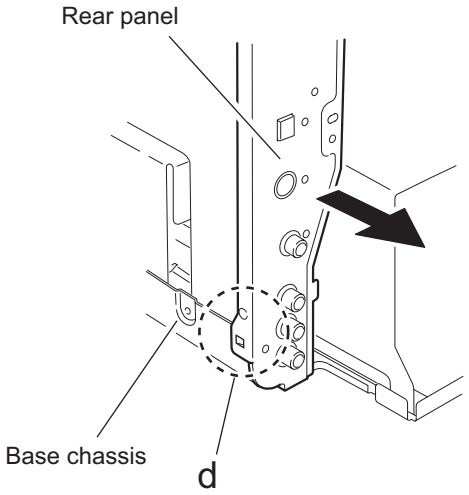


Fig.20

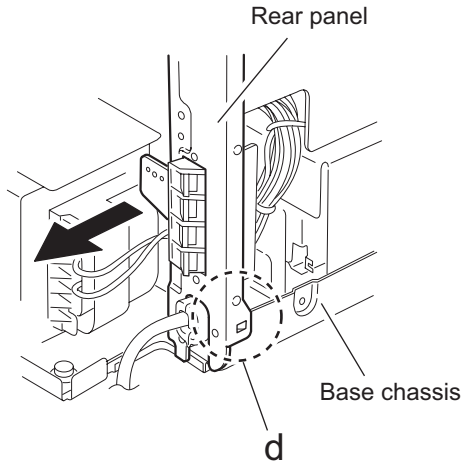


Fig.21

3.1.8 Removing the fan
(See Fig.22 to 24)

- Prior to performing the following procedure, remove the side panel (R)/(L), the top panel.
  (1) From top of the body, disconnect the wire from connector CN205 on the amp board.
  (2) From the back of the body, remove the five screws **Q** attaching the rear cover.
  (3) From the back of the body, remove the four screws **U** attaching the fan.

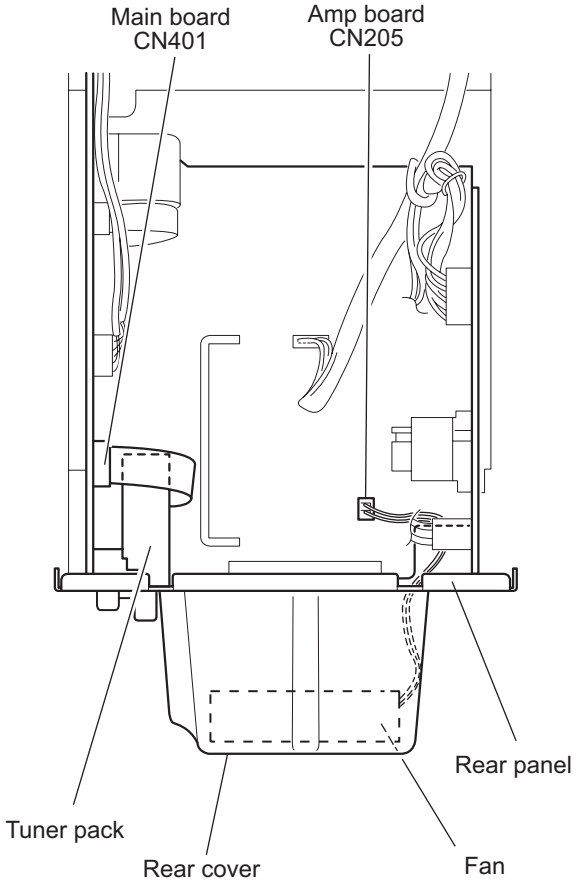


Fig.22

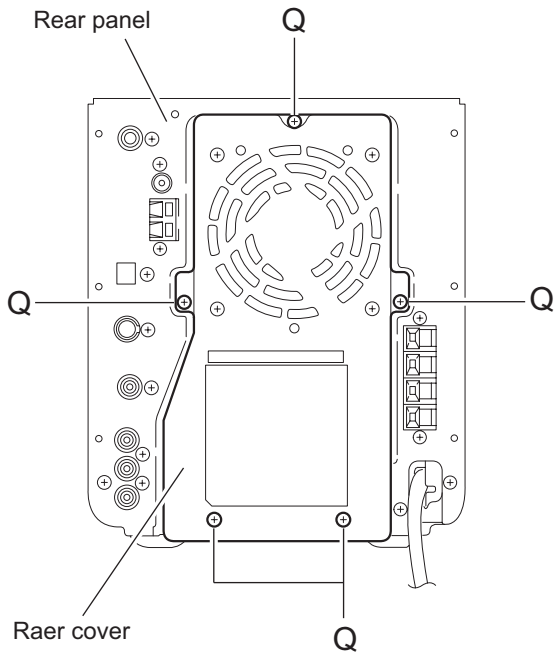


Fig.23

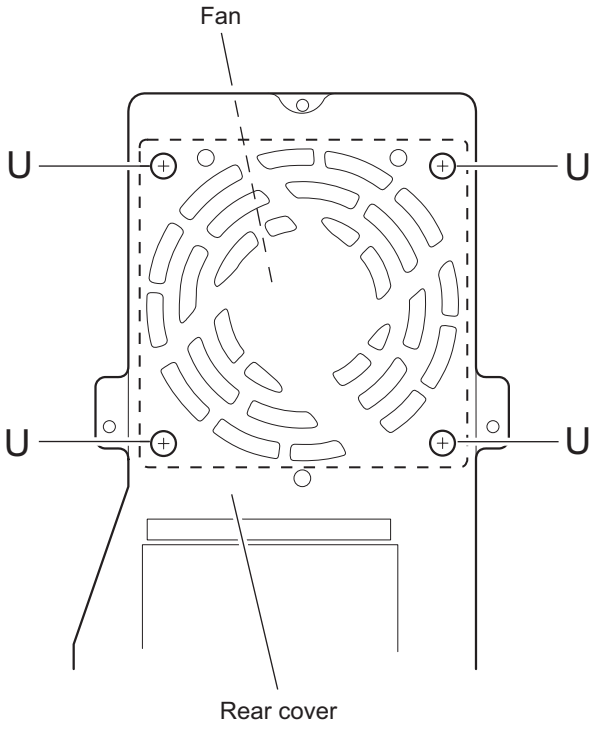


Fig.24

3.1.9 Removing the main board
(See Fig.25, 26)

- Prior to performing the following procedure, remove the side panel (R)/ (L), the top panel and the rear cover/ rear panel.
  (1) Disconnect the card wire from connector CN501 and CN502 on the main board and disconnect the wire from connector CN402.
  (2) From the right side of the body, remove the two screws **Y** attaching the main board.
  (3) Pull and disconnect connector CN403 and CN404 on the main board from the amp board. Disconnect connector CN601 on the main board from the front panel assembly backward.

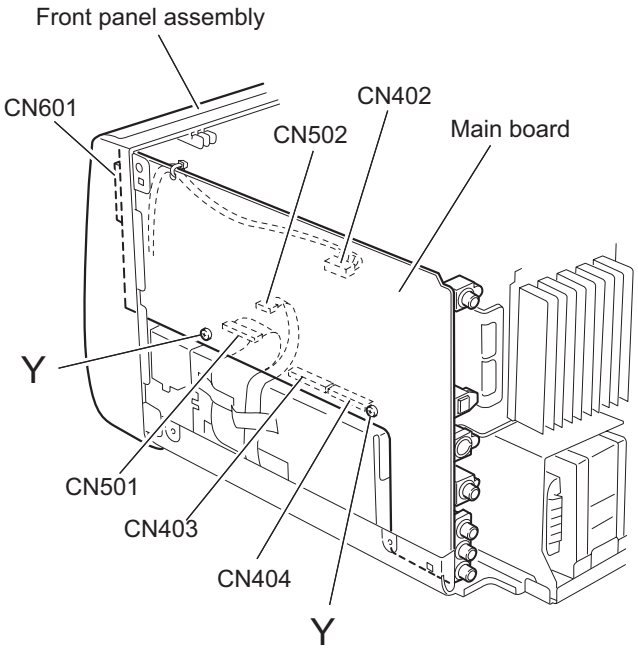


Fig.25

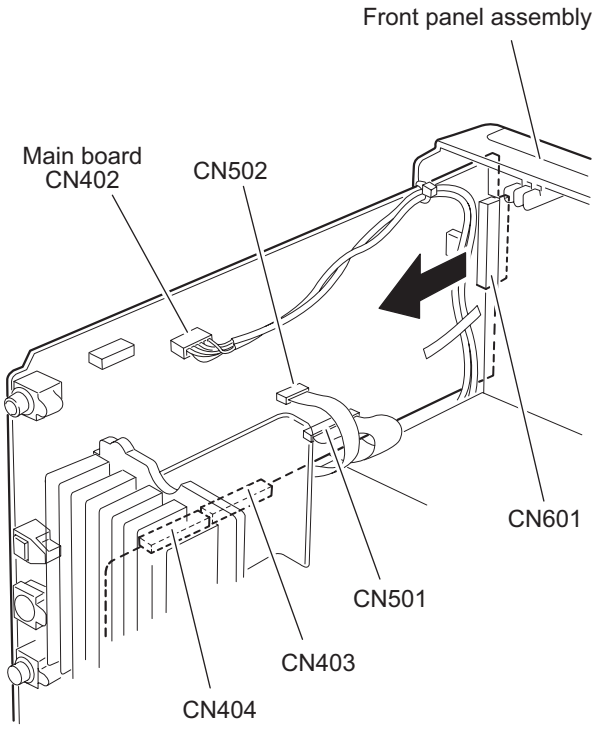


Fig.26

3.1.10 Removing the power cord
(See Fig.27)

- Prior to performing the following procedure, remove the side panel (R)/ (L), the top panel and the rear cover/ rear panel.
  (1) Disconnect the wire from connector CN901 on the power (single) board.
  (2) Pull the power cord stopper out in the direction of the arrow and remove it from the base chassis.

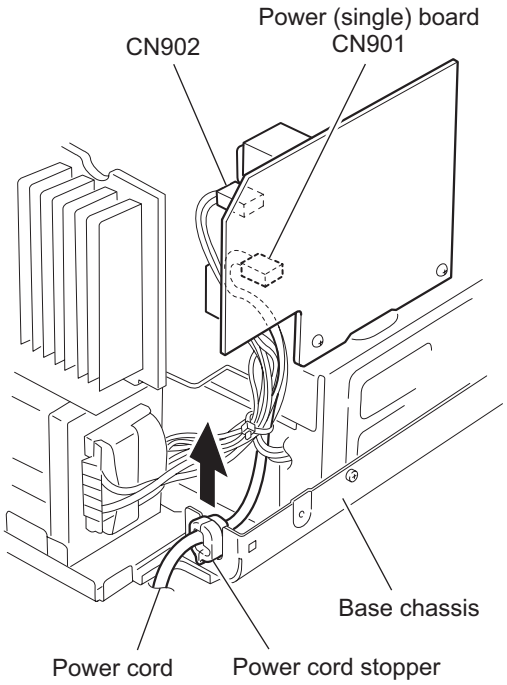


Fig.27

3.1.11 Removing the amp board/ heat sink (See Fig.28, 29)

- Prior to performing the following procedure, remove the side panel (R)/ (L), the top panel and the rear cover/ rear panel.
  (1) From top of the body, disconnect the wire from connector CN202 on the amp board.
  (2) From top of the body, remove the three screws **A'** and one screw **B'** attaching the amp board.
  (3) Remove the two screws **D'** and the three screws **E'** attaching the heat sink.

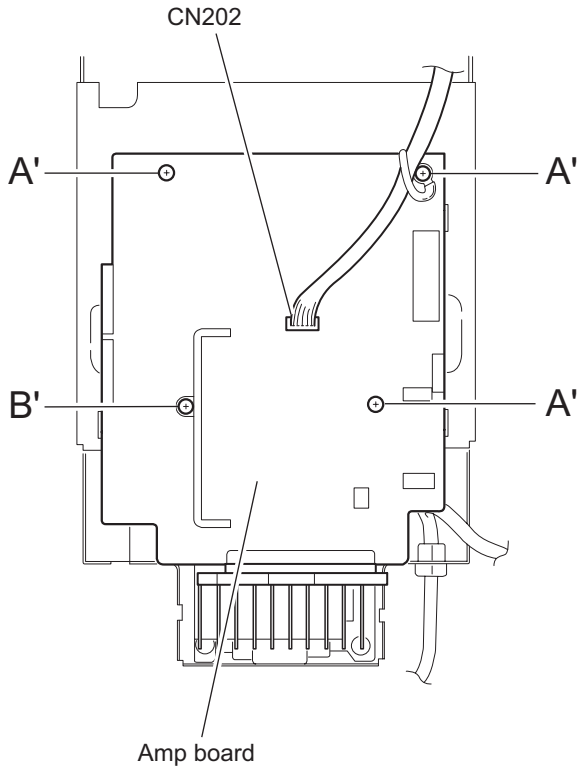


Fig.28

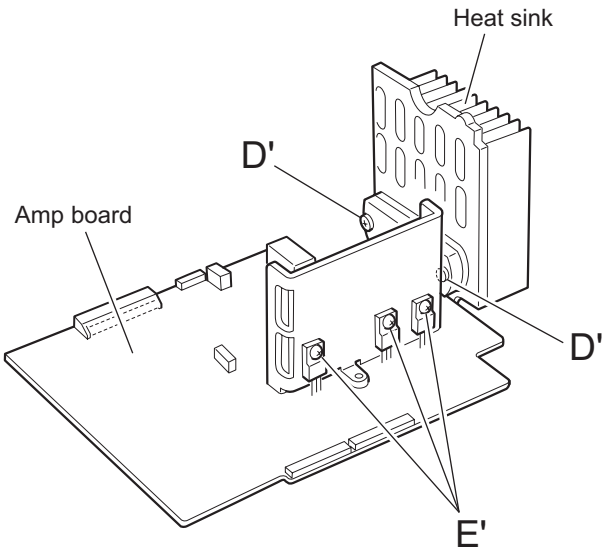


Fig.29

3.1.12 Removing the power transformer assembly (See Fig.30)

- Prior to performing the following procedure, remove the side panel (R)/ (L), the top panel, the rear cover/ rear panel and the main board / power (single) board / amp board.
  (1) Remove the four screws **F'** attaching the power transformer assembly.

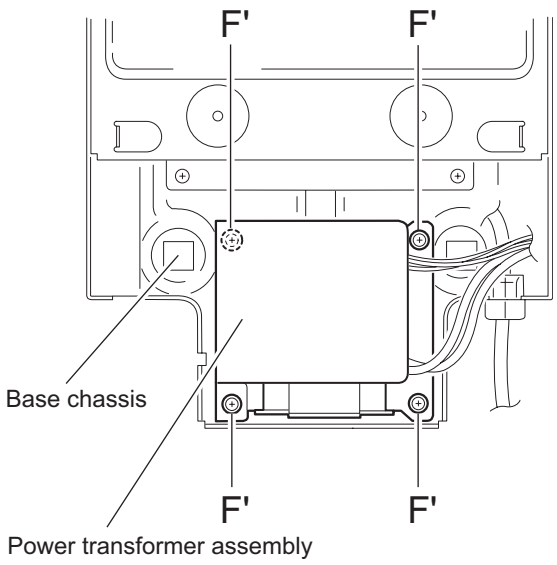


Fig.30

3.1.13 CD changer mechanism assembly section

3.1.13.1 Removing the CD changer mechanism assembly (See Fig.31 to 34)

- Prior to performing the following procedure, remove the side panel (R)/(L), the top panel, the main board, the power (single) board, the amp board.
  (1) From both side of the body, remove the four screws **G'** attaching the CD changer mechanism cover and detach it in the direction of the arrow.
  (2) From the front side of the body, remove the two screws **H'** attaching the CD changer mechanism assembly.
  (3) From the back of the body, remove the two screws **J'** attaching the CD changer mechanism assembly.
  (4) Remove the CD changer mechanism assembly in the direction of the arrow while pulling the front and rear brackets outward.

Caution:

To reattach the CD changer mechanism assembly, firstly fit the point **e** of the bracket on the front side of the body to the notch f of the CD changer mechanism assembly and reattach the front side of the assembly.

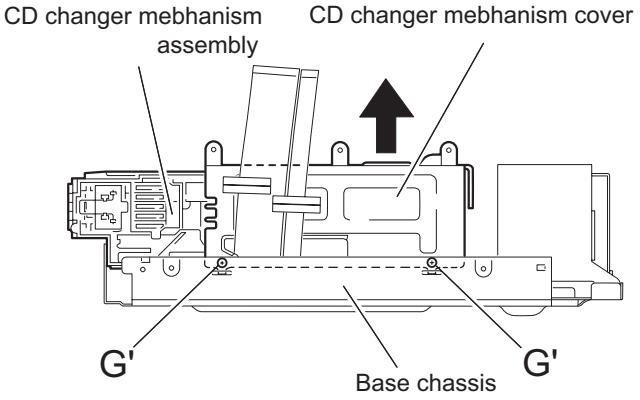


Fig.31

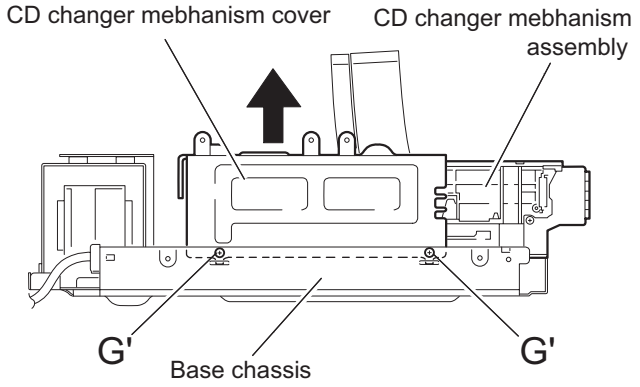


Fig.32

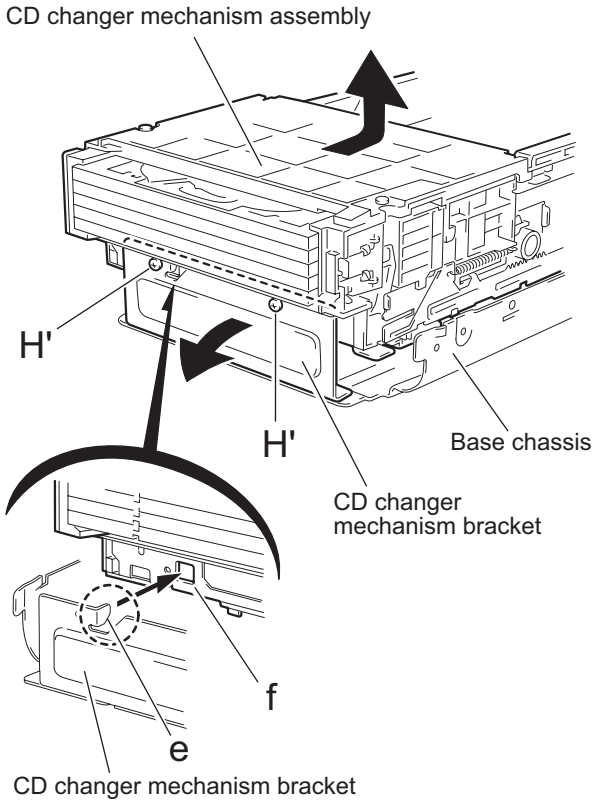


Fig.33

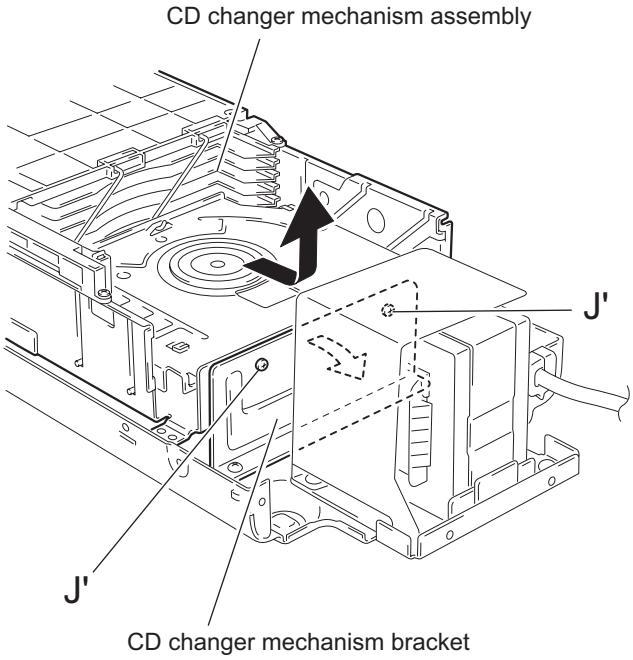


Fig.34

3.1.13.2 Removing the CD changer mechanism board (See Fig.35 to 37)

- Prior to performing the following procedure, remove the CD changer mechanism assembly.

Caution:

Make sure to solder the short-circuit point on the CD pickup board before disconnecting the card wire connected to connector CN101 on the CD changer mechanism board and the CD pickup board. If you do not follow this instruction, the pick-up may be damaged.

(1) From the bottom of the CD changer mechanism assembly, disconnect the card wire from connector CN451 and CN201, and disconnect the wire from connector CN452 and CN453 on the CD changer mechanism board, respectively.
(2) Remove the three screws **K'** attaching the CD changer mechanism holder.
(3) Unsolder the short-circuit point on the CD pickup board as attached to the CD changer mechanism.
(4) Disconnect the card wire from connector on the CD pickup board.
(5) From the bottom of the CD changer mechanism, remove the two screws **M'** attaching the CD changer mechanism board.

Caution:

To reattach the CD changer mechanism board, connect the card wire to connector CN101 on the CD mechanism board and the CD pickup board before unsoldering the short-circuit point.

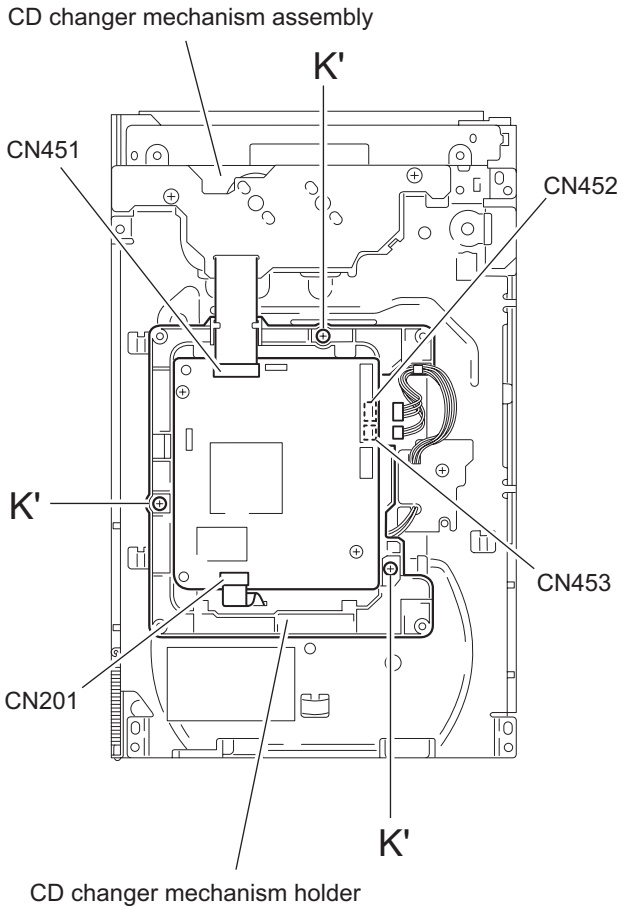


Fig.35

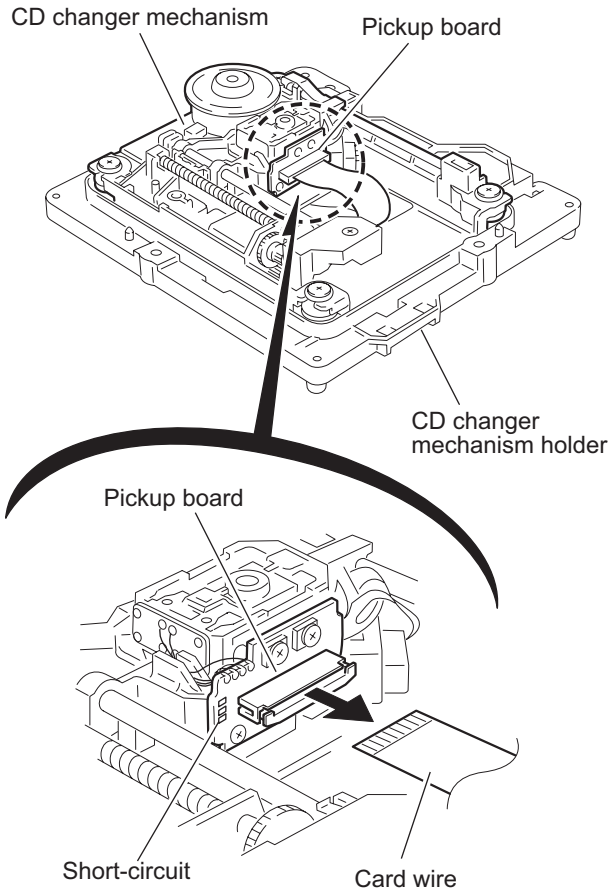


Fig.36

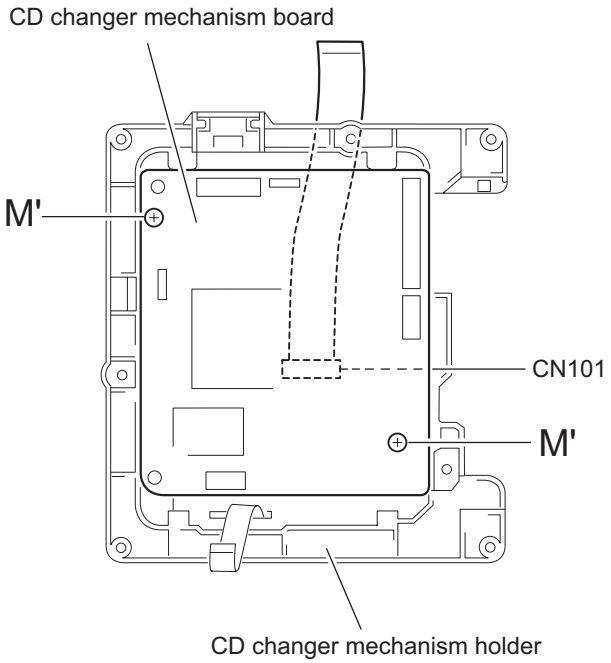


Fig.37

3.1.13.3 Removing the CD changer mechanism (See Fig.38)

- Prior to performing the following procedure, remove the CD changer mechanism assembly and CD changer mechanism board.
  (1) Remove the four screws **N'** attaching the CD changer mechanism.

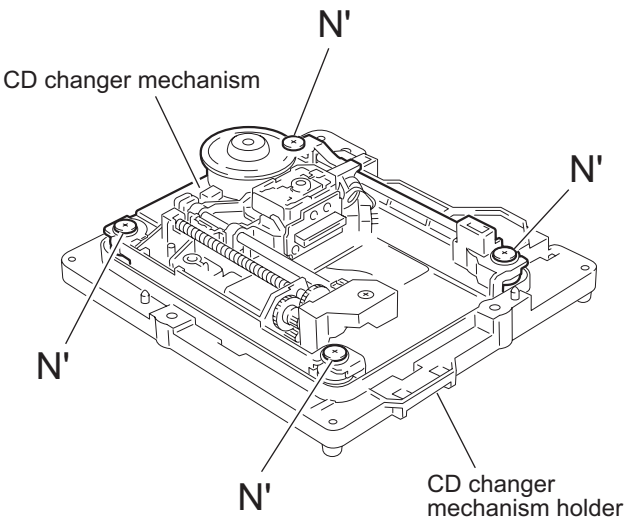


Fig.38

SECTION 4
ADJUSTMENT

This service manual does not describe ADJUSTMENT.

SECTION 5
TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.

JVC
Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY AUDIO/VIDEO SYSTEMS CATEGORY 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB355)

Printed in Japan
VPT

JVC

SCHEMATIC DIAGRAMS

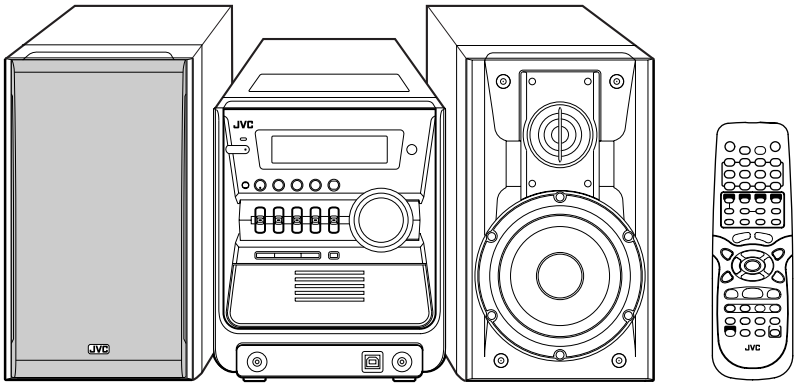
COMPACT COMPONENT SYSTEM

FS-GD7

CD-ROM No.SML200505

Area suffix

J ---------- U.S.A.
C ---------- Canada



Digital Direct Progressive Scan

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Contents

Wiring diagram □ □ □ 2-1
Block diagram ---------- 2-3
Standard schematic diagrams ---------- 2-5
Printed circuit boards ---------- 2-17 to 21

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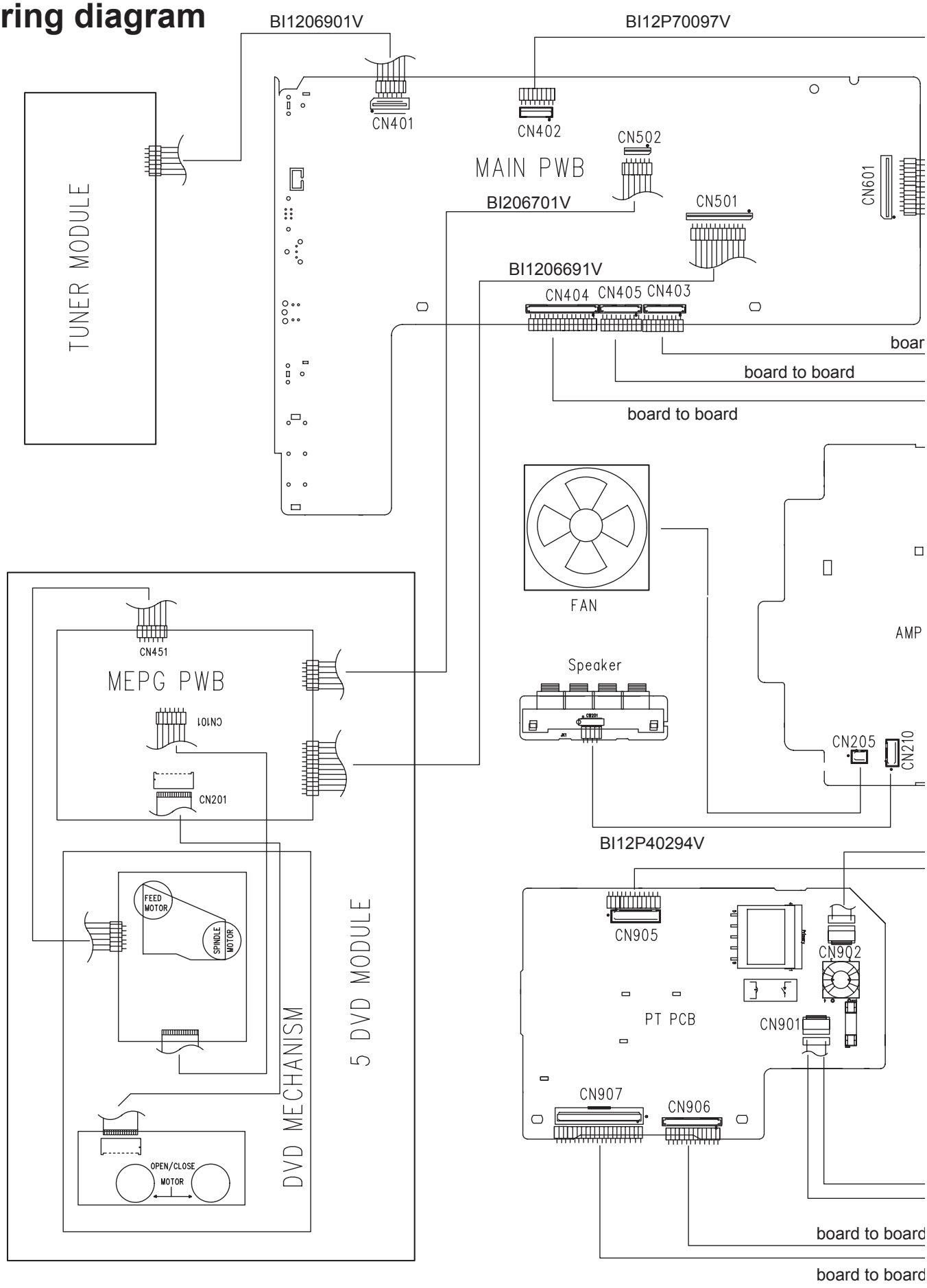
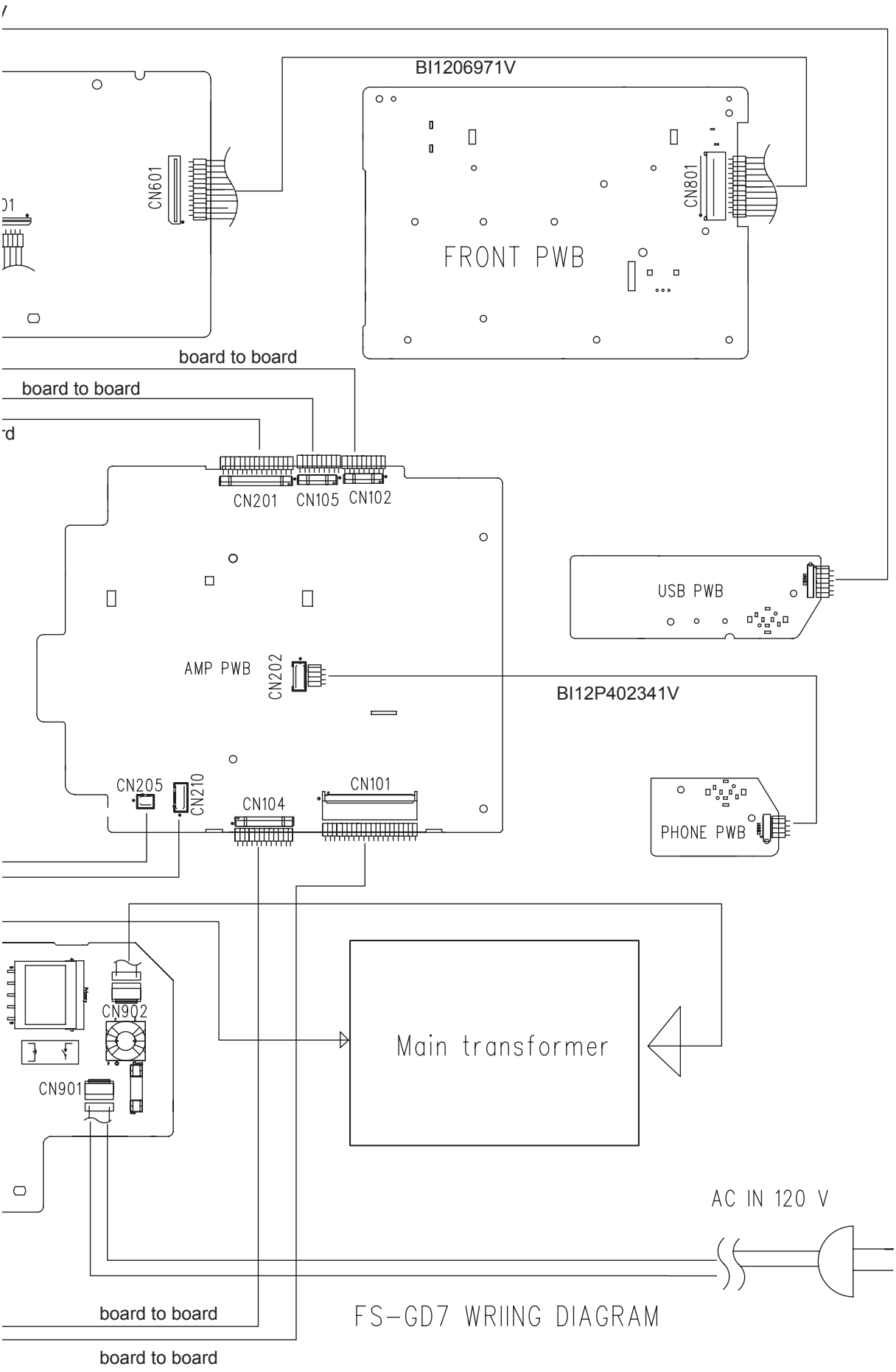
No.MB355SCH
2005/5

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▬) and ICP (⬤) or identified by the "⚠" mark nearby are critical for safety.

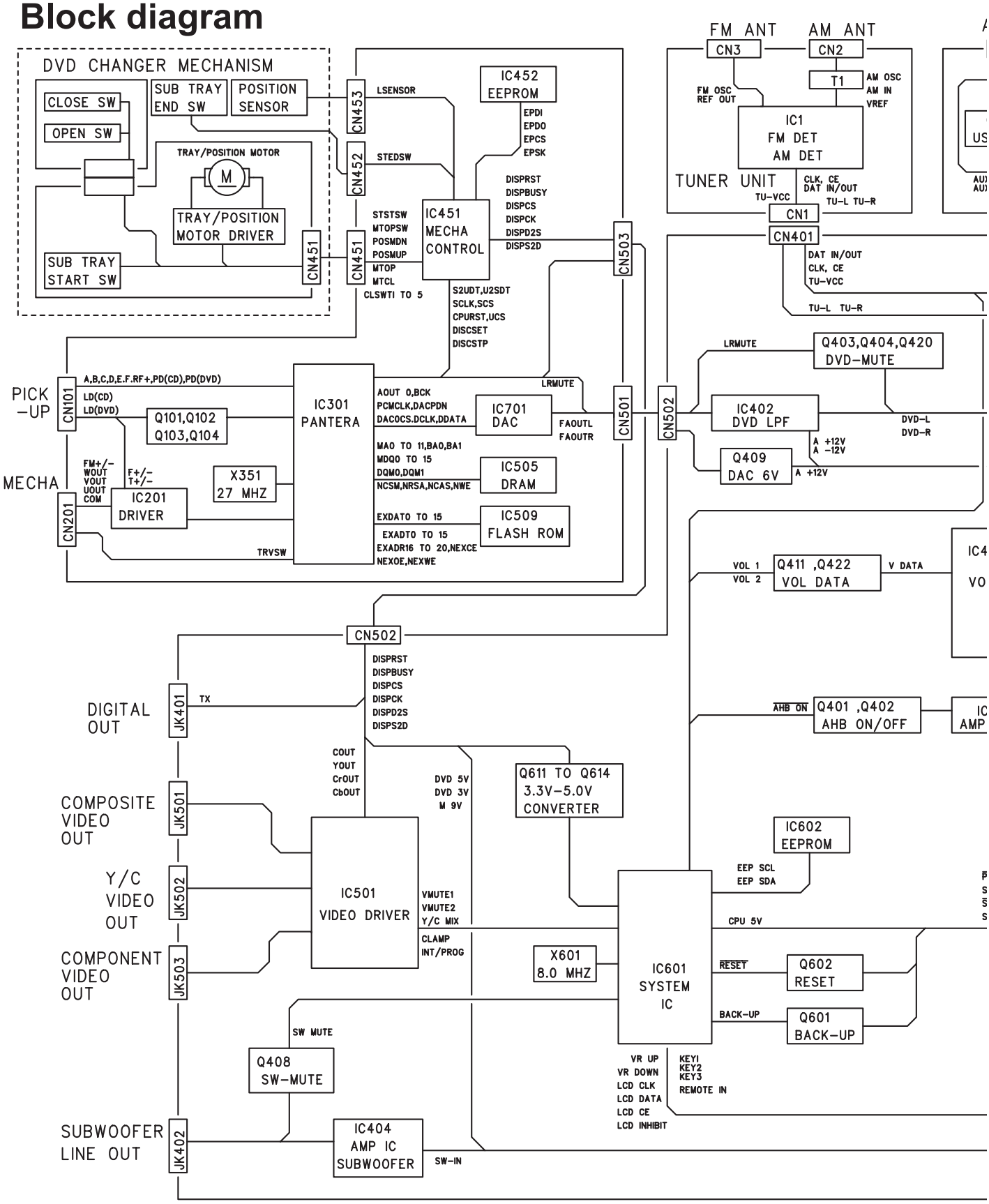
< MEMO >

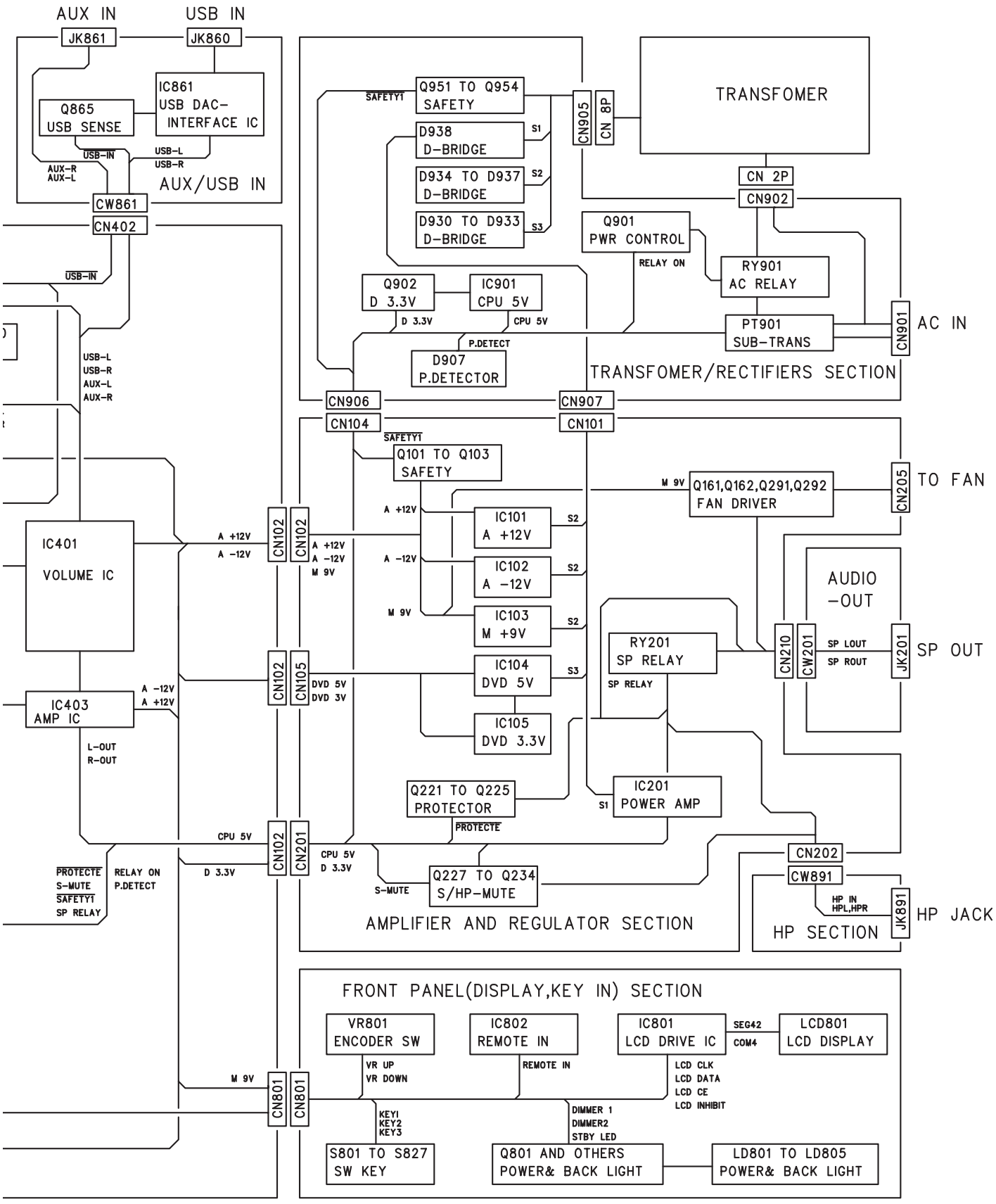
Wiring diagram




BI1206971V
CN601
CN801
FRONT PWB
board to board
board to board
CN201
CN105
CN102
USB PWB
AMP PWB
CN202
BI12P402341V
CN205
CN210
CN104
CN101
PHONE PWB
CN902
CN901
Main transformer
AC IN 120 V
board to board
board to board
FS-GD7 WRIING DIAGRAM

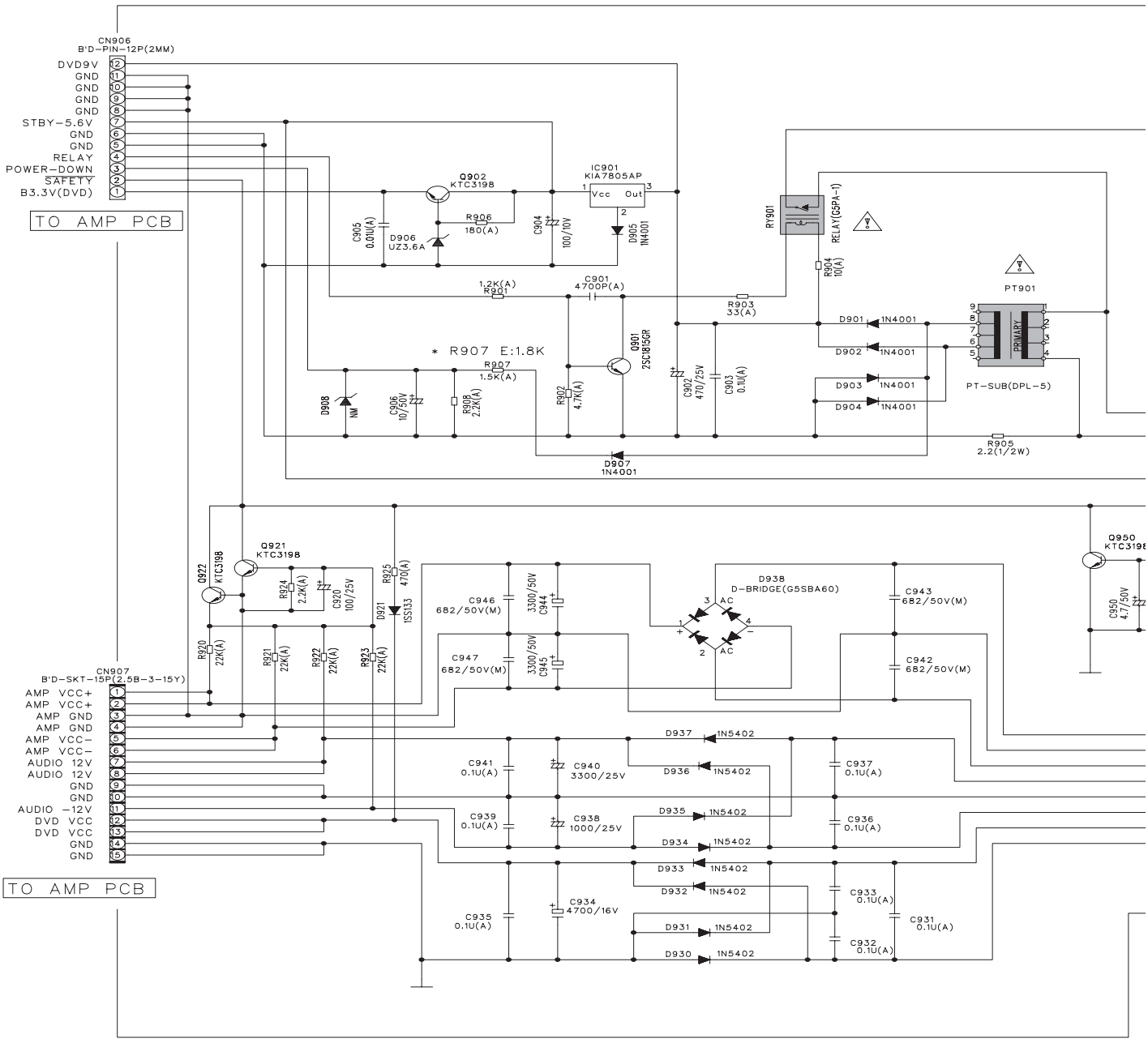
Block diagram

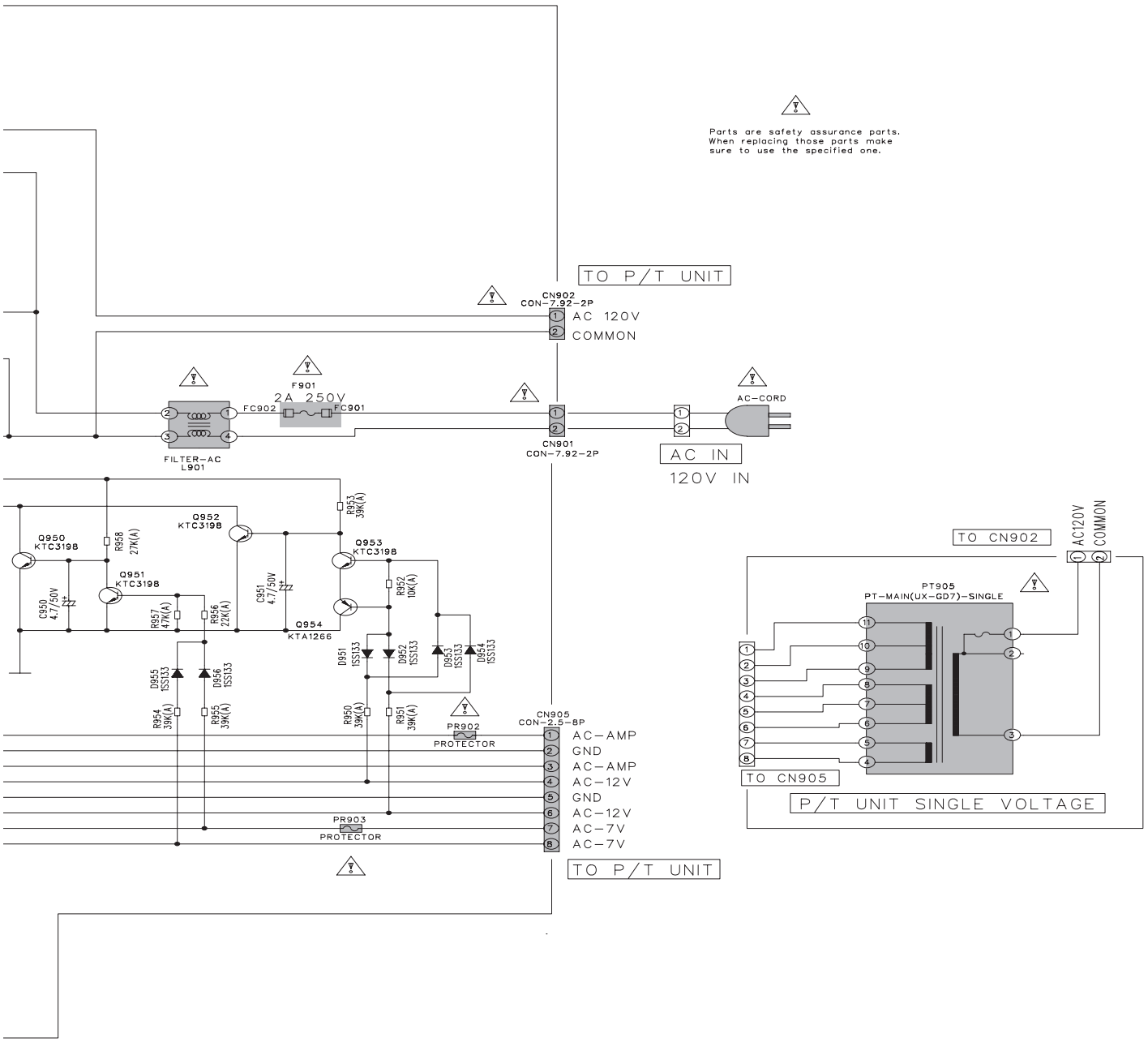



AUX IN
USB IN
JK861
JK860
IC861
USB DAC-
INTERFACE IC
Q865
USB SENSE
USB-IN
USB-L
USB-R
AUX-R
AUX-L
AUX/USB IN
CW861
CN402
TRANSFOMER
SAFETY1
Q951 TO Q954
SAFETY
CN905
CN 8P
D938
D-BRIDGE
S1
D934 TO D937
D-BRIDGE
S2
D930 TO D933
D-BRIDGE
S3
CN 2P
CN902
Q901
PWR CONTROL
RELAY ON
RY901
AC RELAY
Q902
D 3.3V
IC901
CPU 5V
D 3.3V
CPU 5V
P.DETECT
D907
P.DETECTOR
PT901
SUB-TRANS
CN901
AC IN
TRANSFOMER/RECTIFIERS SECTION
CN906
CN907
CN104
CN101
SAFETY1
Q101 TO Q103
SAFETY
M 9V
Q161,Q162,Q291,Q292
FAN DRIVER
CN205
TO FAN
A +12V
IC101
A +12V
S2
A -12V
IC102
A -12V
S2
M 9V
IC103
M +9V
S2
IC104
DVD 5V
S3
IC105
DVD 3.3V
IC401
VOLUME IC
A +12V
A -12V
CN102
CN102
DVD 5V
DVD 3V
CN102
CN105
IC403
AMP IC
A -12V
A +12V
L-OUT
R-OUT
AUDIO
-OUT
RY201
SP RELAY
SP RELAY
CN210
CW201
SP LOUT
SP ROUT
JK201
SP OUT
Q221 TO Q225
PROTECTOR
PROTECTE
IC201
POWER AMP
S1
CPU 5V
CPU 5V
D 3.3V
CN102
CN201
CN202
CW891
PROTECTE
S-MUTE
SAFETY1
SP RELAY
RELAY ON
P.DETECT
D 3.3V
S-MUTE
Q227 TO Q234
S/HP-MUTE
HP IN
HPL,HPR
JK891
HP JACK
AMPLIFIER AND REGULATOR SECTION
HP SECTION
FRONT PANEL(DISPLAY,KEY IN) SECTION
VR801
ENCODER SW
IC802
REMOTE IN
IC801
LCD DRIVE IC
SEG42
COM4
LCD801
LCD DISPLAY
VR UP
VR DOWN
REMOTE IN
LCD CLK
LCD DATA
LCD CE
LCD INHIBIT
M 9V
CN801
CN801
KEY1
KEY2
KEY3
DIMMER 1
DIMMER2
STBY LED
S801 TO S827
SW KEY
Q801 AND OTHERS
POWER& BACK LIGHT
LD801 TO LD805
POWER& BACK LIGHT

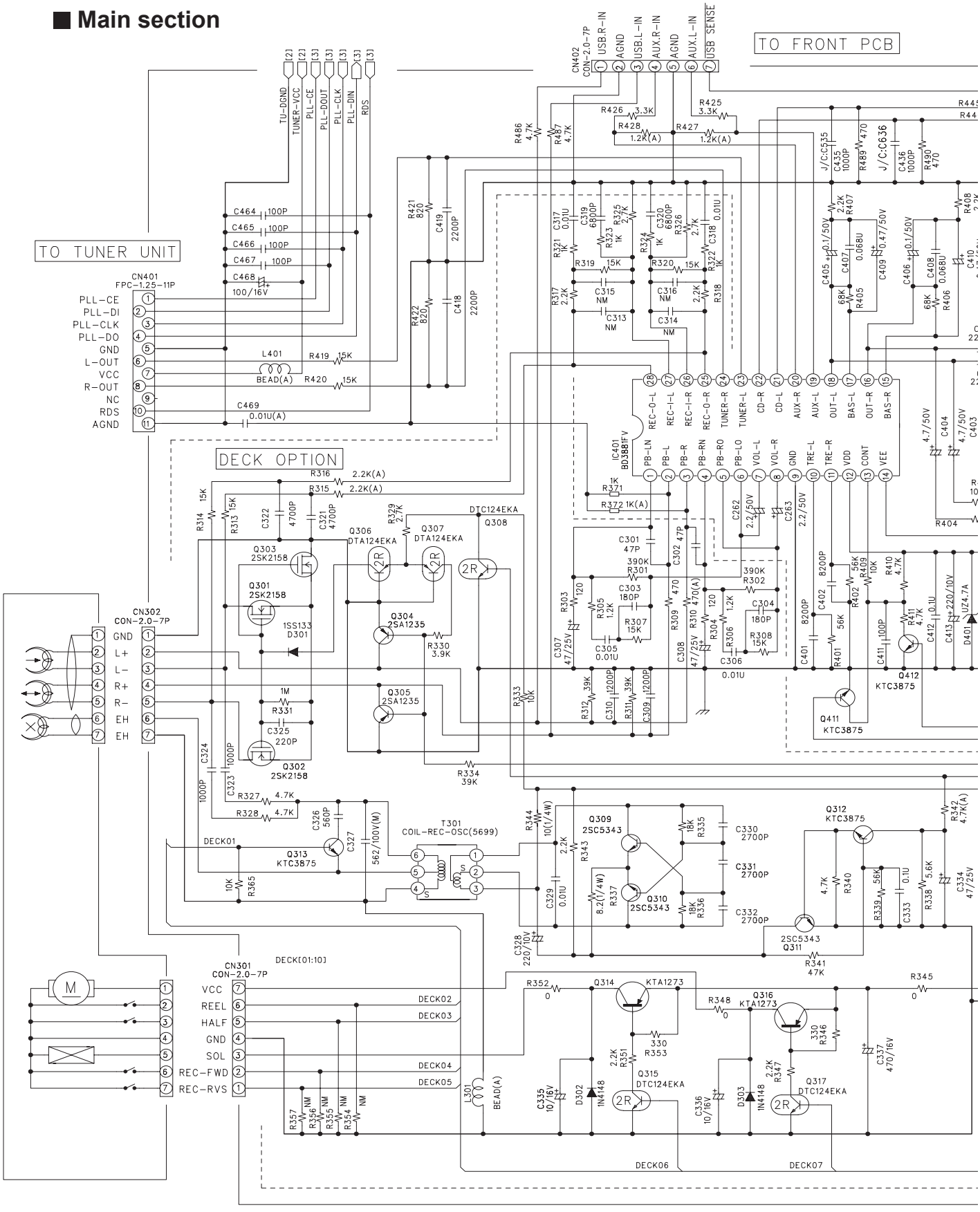
Standard schematic diagrams

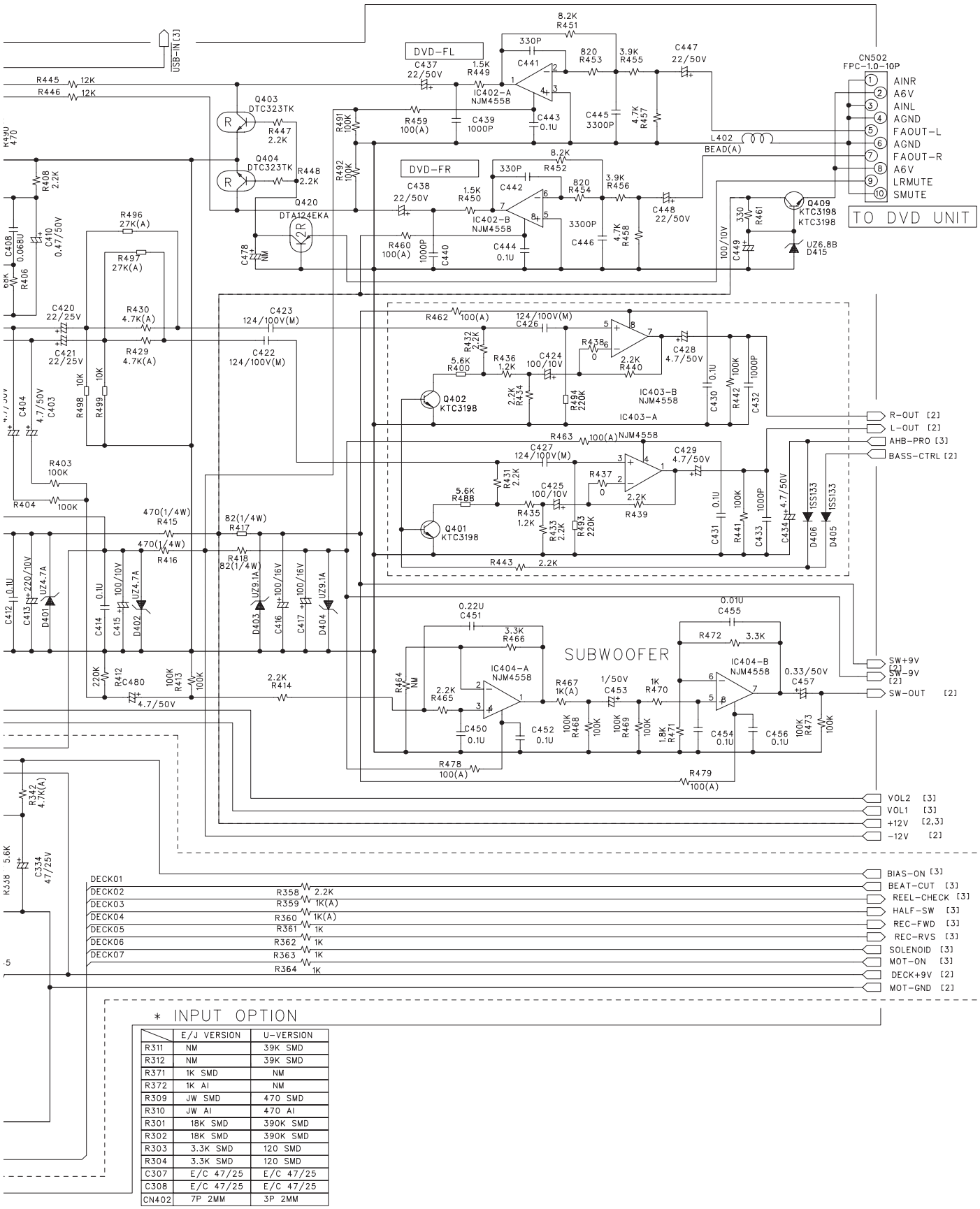
■ Primary section




Parts are safety assurance parts.
When replacing those parts make
sure to use the specified one.
TO P/T UNIT
CN902
CON-7.92-2P
AC 120V
COMMON
F901
2A 250V
FC902
FC901
FILTER-AC
L901
AC-CORD
CN901
CON-7.92-2P
AC IN
120V IN
Q950
KTC3198
Q951
KTC3198
Q952
KTC3198
Q953
KTC3198
Q954
KTA1266
R958
27K(A)
R957
47K(A)
R956
22K(A)
R953
39K(A)
R952
10K(A)
C950
4.7/50V
C951
4.7/50V
D951
1SS133
D952
1SS133
D953
1SS133
D954
1SS133
D955
1SS133
D956
1SS133
R954
39K(A)
R955
39K(A)
R950
39K(A)
R951
39K(A)
PR902
PROTECTOR
PR903
PROTECTOR
CN905
CON-2.5-8P
AC-AMP
GND
AC-AMP
AC-12V
GND
AC-12V
AC-7V
AC-7V
TO P/T UNIT
TO CN902
AC120V
COMMON
PT905
PT-MAIN(UX-GD7)-SINGLE
TO CN905
P/T UNIT SINGLE VOLTAGE

■ Main section

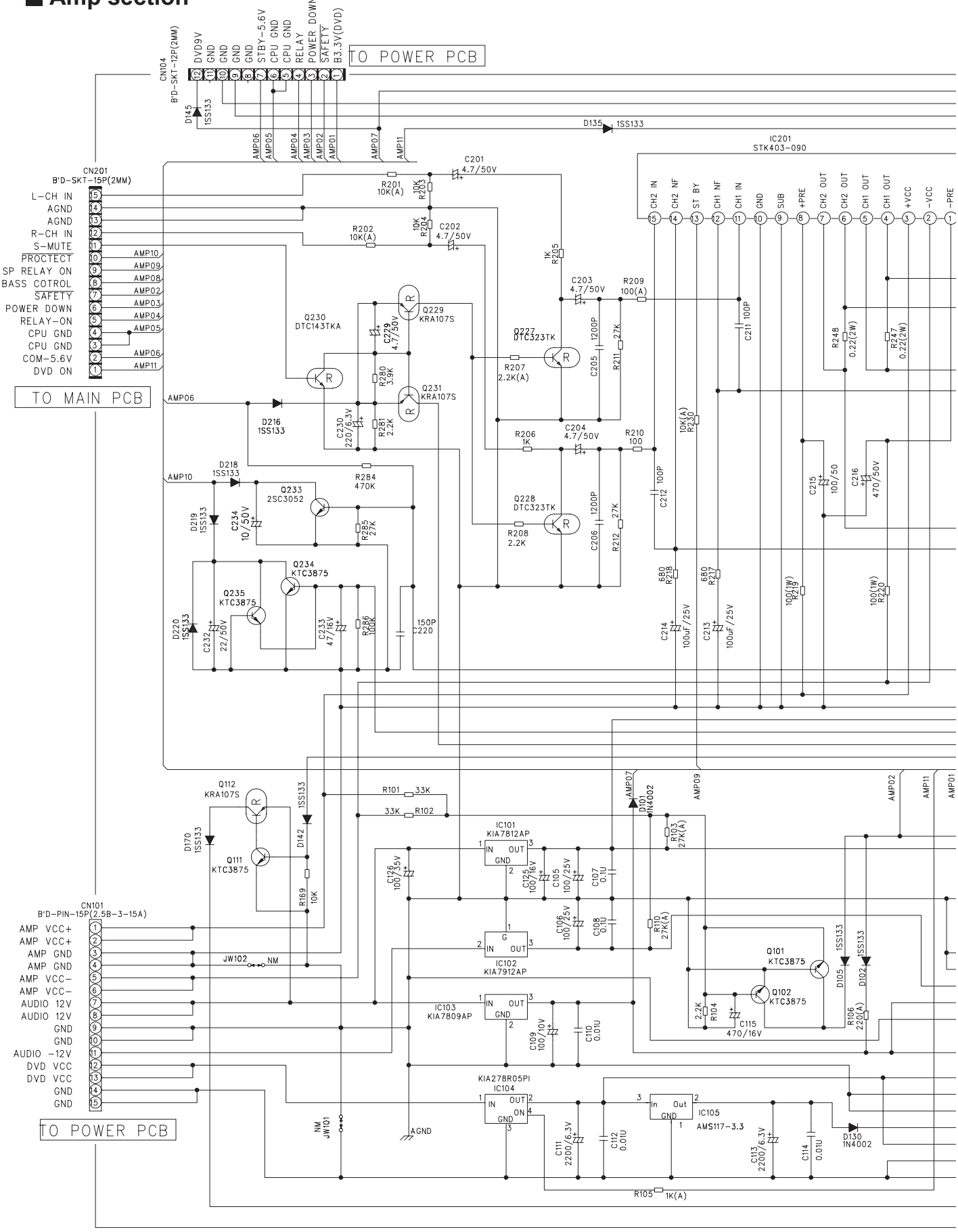


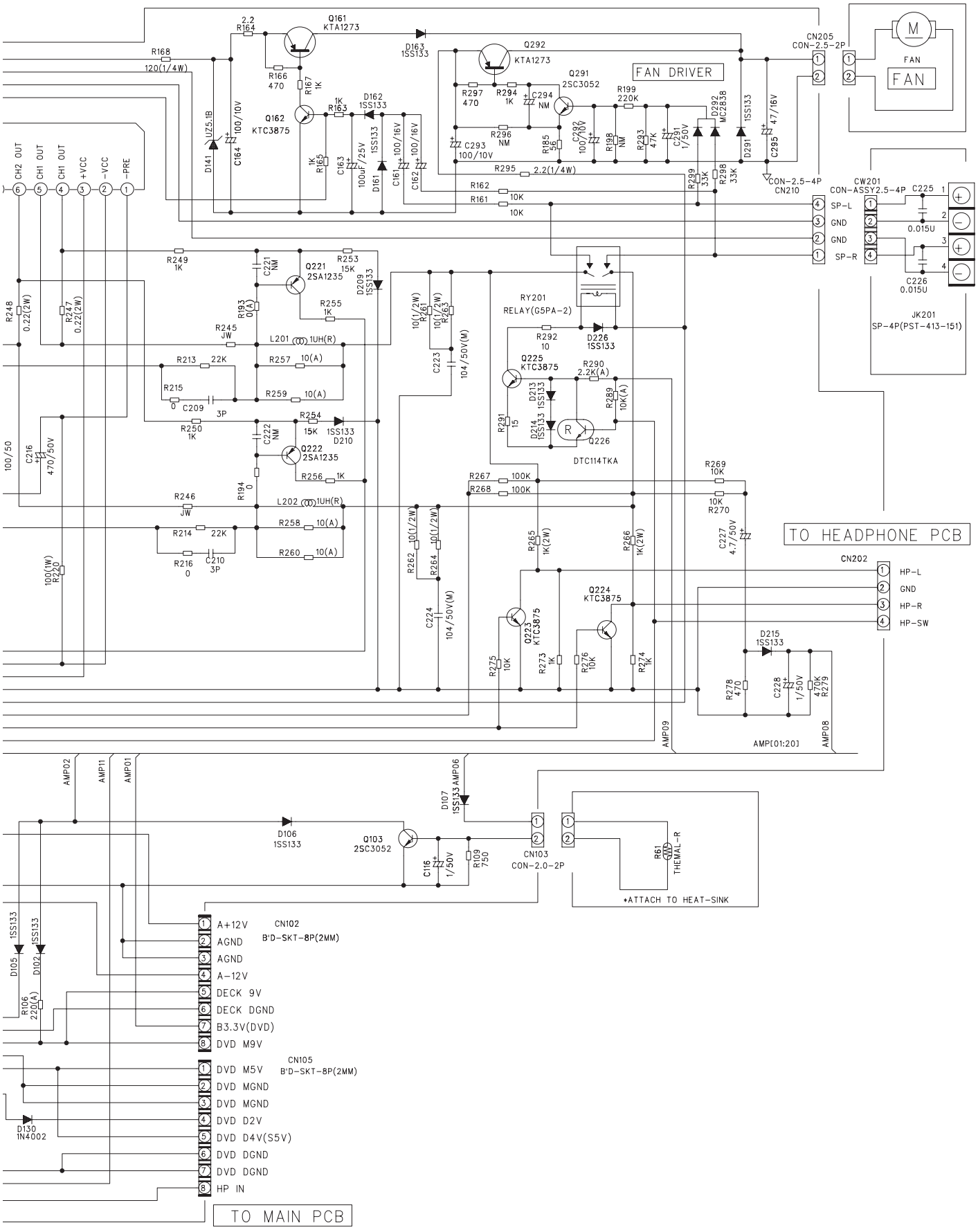


* INPUT OPTION

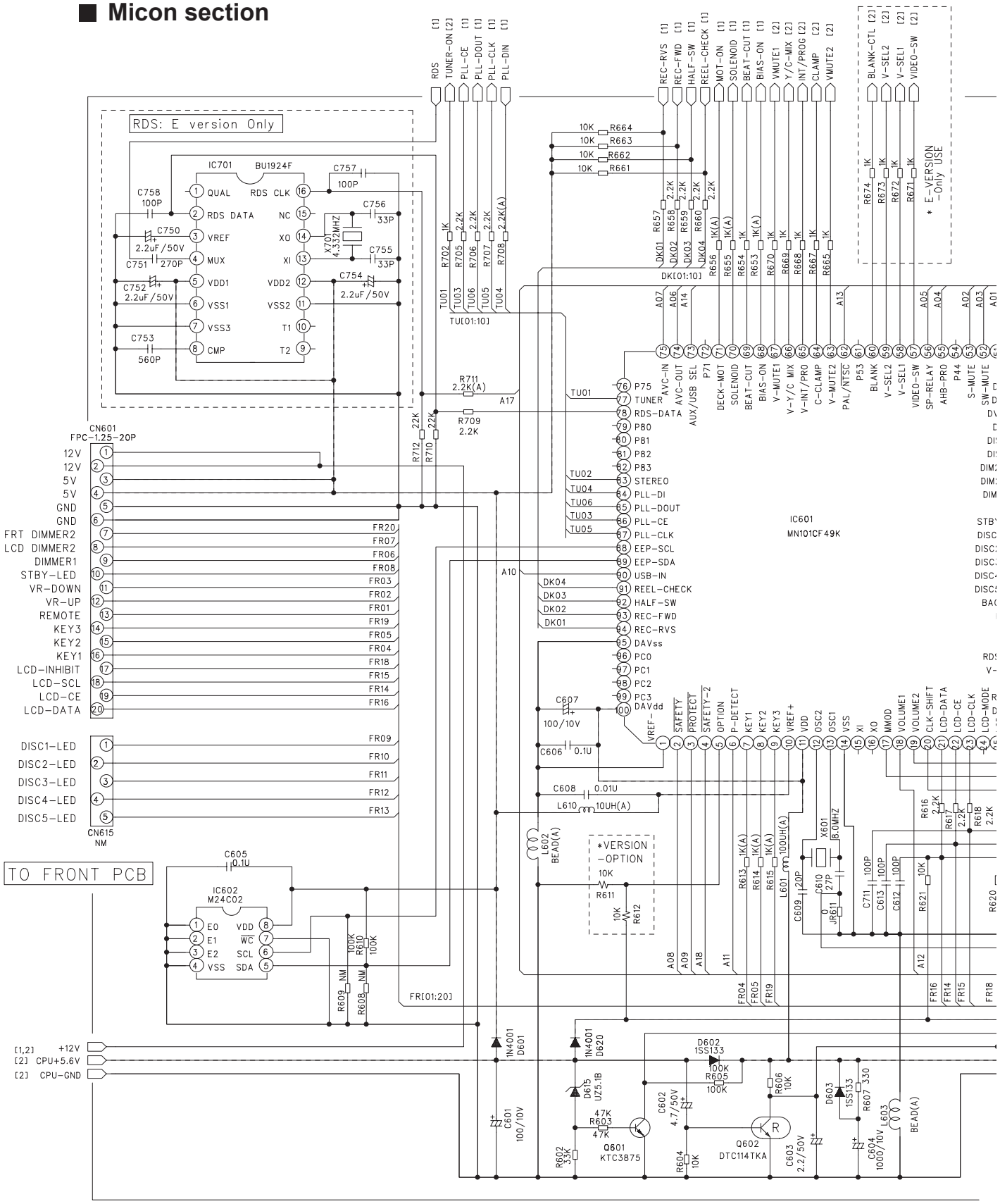
	E/J VERSION	U-VERSION
R311	NM	39K SMD
R312	NM	39K SMD
R371	1K SMD	NM
R372	1K AI	NM
R309	JW SMD	470 SMD
R310	JW AI	470 AI
R301	18K SMD	390K SMD
R302	18K SMD	390K SMD
R303	3.3K SMD	120 SMD
R304	3.3K SMD	120 SMD
C307	E/C 47/25	E/C 47/25
C308	E/C 47/25	E/C 47/25
CN402	7P 2MM	3P 2MM

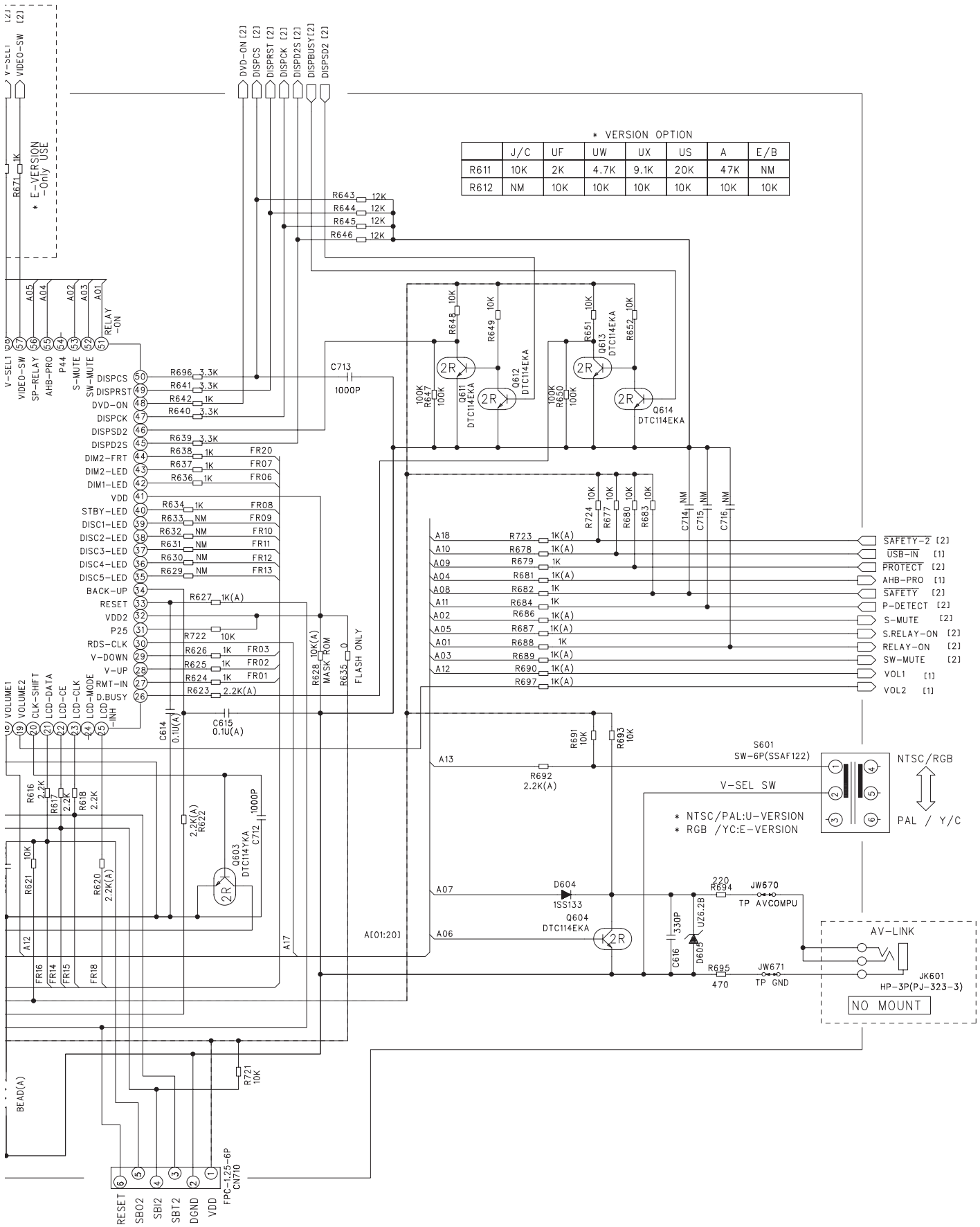
■ Amp section


TO POWER PCB
TO MAIN PCB
TO POWER PCB
CN104
B'D-SKT-12P(2MM)
DVD9V
GND
GND
GND
STBY-5.6V
CPU GND
CPU GND
RELAY
POWER DOWN
SAFETY
B3.3V(DVD)
CN201
B'D-SKT-15P(2MM)
L-CH IN
AGND
AGND
R-CH IN
S-MUTE
PROCTECT
SP RELAY ON
BASS COTROL
SAFETY
POWER DOWN
RELAY-ON
CPU GND
CPU GND
COM-5.6V
DVD ON
CN101
B'D-PIN-15P(2.5B-3-15A)
AMP VCC+
AMP VCC+
AMP GND
AMP GND
AMP VCC-
AMP VCC-
AUDIO 12V
AUDIO 12V
GND
GND
AUDIO -12V
DVD VCC
DVD VCC
GND
GND
IC201
STK403-090
CH2 IN
CH2 NF
ST BY
CH1 NF
CH1 IN
GND
SUB
+PRE
CH2 OUT
CH2 OUT
CH1 OUT
CH1 OUT
+VCC
-VCC
-PRE
IC101
KIA7812AP
IC102
KIA7912AP
IC103
KIA7809AP
IC104
KIA278R05PI
IC105
AMS117-3.3
Q101
KTC3875
Q102
KTC3875
Q111
KTC3875
Q112
KRA107S
Q227
DTC323TK
Q228
DTC323TK
Q229
KRA107S
Q230
DTC143TKA
Q231
KRA107S
Q233
2SC3052
Q234
KTC3875
Q235
KTC3875
D101
1N4002
D130
1N4002
JW102
NM
JW101
AGND

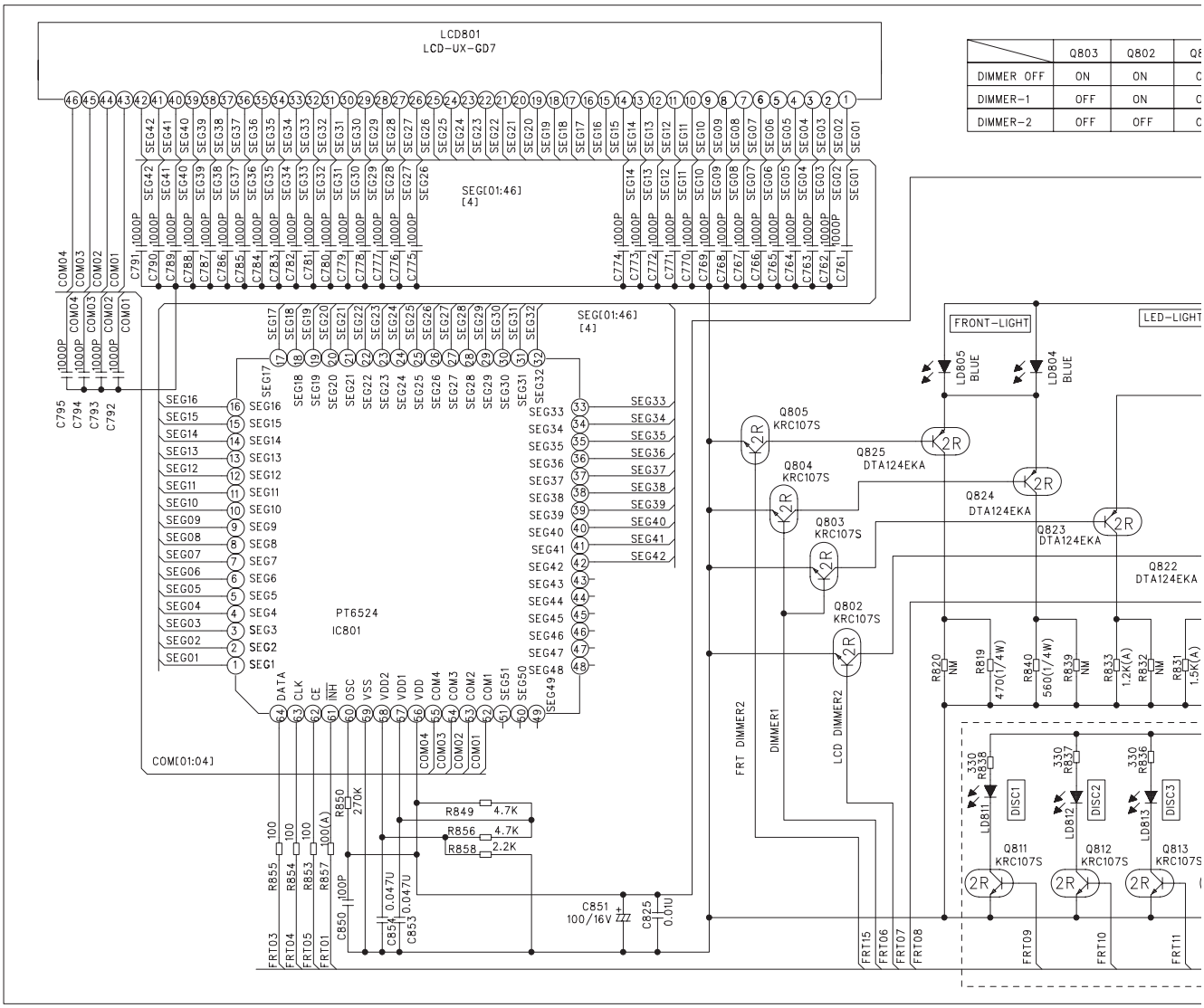

FAN DRIVER
FAN
TO HEADPHONE PCB
TO MAIN PCB
CN102
B'D-SKT-8P(2MM)
A+12V
AGND
AGND
A-12V
DECK 9V
DECK DGND
B3.3V(DVD)
DVD M9V
CN105
B'D-SKT-8P(2MM)
DVD M5V
DVD MGND
DVD MGND
DVD D2V
DVD D4V(S5V)
DVD DGND
DVD DGND
HP IN
CN202
HP-L
GND
HP-R
HP-SW
CN103
CON-2.0-2P
*ATTACH TO HEAT-SINK
CN205
CON-2.5-2P
CN210
CON-2.5-4P
CW201
CON-ASSY2.5-4P
SP-L
GND
GND
SP-R
JK201
SP-4P(PST-413-151)
RY201
RELAY(G5PA-2)
Q161
KTA1273
Q292
KTA1273
Q291
2SC3052
Q162
KTC3875
Q221
2SA1235
Q222
2SA1235
Q225
KTC3875
Q226
DTC114TKA
Q224
KTC3875
Q223
KTC3875
Q103
2SC3052
AMP[01:20]
AMP09
AMP08
AMP02
AMP11
AMP01
AMP06

■ Micon section

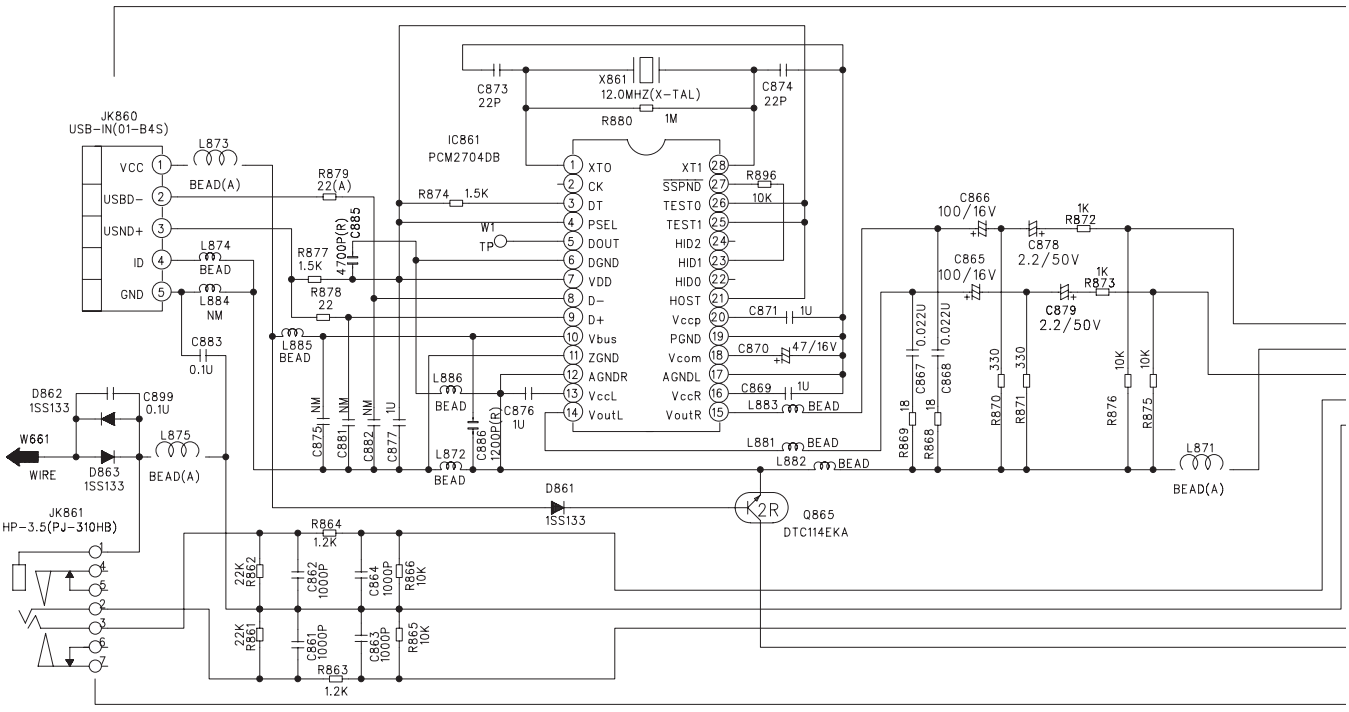



* VERSION OPTION
J/C UF UW UX US A E/B
R611 10K 2K 4.7K 9.1K 20K 47K NM
R612 NM 10K 10K 10K 10K 10K 10K
* E-VERSION
-Only USE
V-SEL1 [2]
VIDEO-SW [2]
DVD-ON [2]
DISPCS [2]
DISPRST [2]
DISPCK [2]
DISPD2S [2]
DISPBUSY [2]
DISPSD2 [2]
R671 1K
R643 12K
R644 12K
R645 12K
R646 12K
A05
A04
A02
A03
A01
RELAY-ON
V-SEL1
VIDEO-SW
SP-RELAY
AHB-PRO
P44
S-MUTE
SW-MUTE
DISPCS
DISPRST
DVD-ON
DISPCK
DISPSD2
DISPD2S
DIM2-FRT
DIM2-LED
DIM1-LED
VDD
STBY-LED
DISC1-LED
DISC2-LED
DISC3-LED
DISC4-LED
DISC5-LED
BACK-UP
RESET
VDD2
P25
RDS-CLK
V-DOWN
V-UP
RMT-IN
D.BUSY
LCD-INH
R696 3.3K
R641 3.3K
R642 1K
R640 3.3K
R639 3.3K
R638 1K
R637 1K
R636 1K
R634 1K
R633 NM
R632 NM
R631 NM
R630 NM
R629 NM
R627 1K(A)
R722 10K
R626 1K
R625 1K
R624 1K
R623 2.2K(A)
FR20
FR07
FR06
FR08
FR09
FR10
FR11
FR12
FR13
FR03
FR02
FR01
C713 1000P
R628 10K(A) MASK ROM
R635 0 FLASH ONLY
C614 0.1U(A)
C615 0.1U(A)
R648 10K
R649 10K
R651 10K
R652 10K
Q611 DTC114EKA
Q612 DTC114EKA
Q613 DTC114EKA
Q614 DTC114EKA
100K R647
100K R650
R724 10K
R677 10K
R680 10K
R683 10K
C714 NM
C715 NM
C716 NM
A18 R723 1K(A)
A10 R678 1K(A)
A09 R679 1K
A04 R681 1K(A)
A08 R682 1K
A11 R684 1K
A02 R686 1K(A)
A05 R687 1K(A)
A01 R688 1K
A03 R689 1K(A)
A12 R690 1K(A)
R697 1K(A)
SAFETY-2 [2]
USB-IN [1]
PROTECT [2]
AHB-PRO [1]
SAFETY [2]
P-DETECT [2]
S-MUTE [2]
S.RELAY-ON [2]
RELAY-ON [2]
SW-MUTE [2]
VOL1 [1]
VOL2 [1]
VOLUME1
VOLUME2
CLK-SHIFT
LCD-DATA
LCD-CE
LCD-CLK
LCD-MODE
LCD-NH
R691 10K
R693 10K
A13
R692 2.2K(A)
S601
SW-6P(SSAF122)
NTSC/RGB
V-SEL SW
PAL / Y/C
* NTSC/PAL:U-VERSION
* RGB /YC:E-VERSION
R616 2.2K
R617 2.2K
R618 2.2K
R621 10K
R620 2.2K(A)
2.2K(A) R622
Q603 DTC114YKA
C712 1000P
A07
D604 1SS133
Q604 DTC114EKA
A06
A[01:20]
220 R694
JW670
TP AVCOMPU
330P C616
UZ6.2B D605
R695 470
JW671
TP GND
AV-LINK
JK601
HP-3P(PJ-323-3)
NO MOUNT
A12
A17
FR16
FR14
FR15
FR18
BEAD(A)
R721 10K
RESET
SBO2
SBI2
SBT2
DGND
VDD
FPC-1.25-6P
CN710

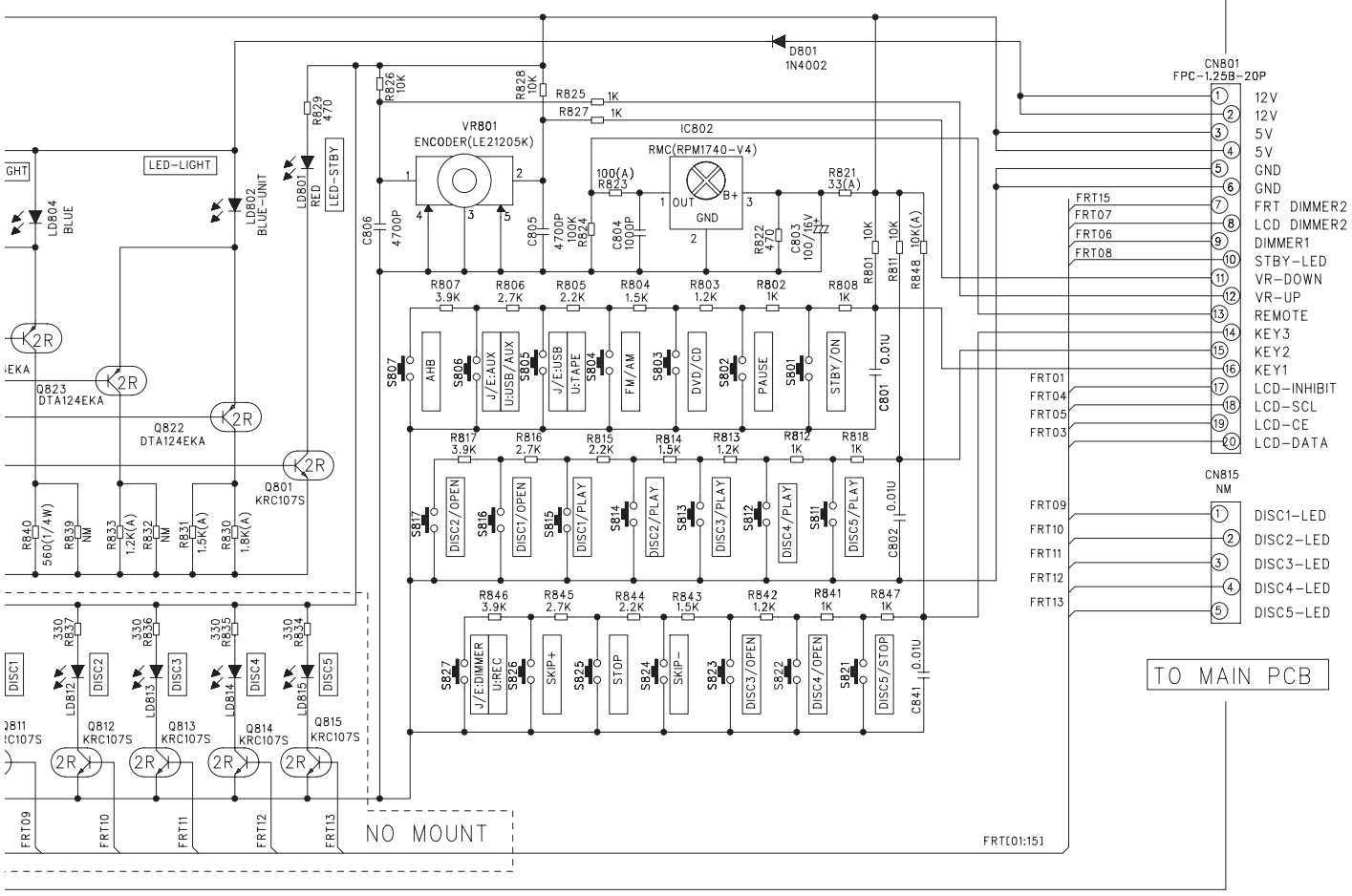
■ Front section

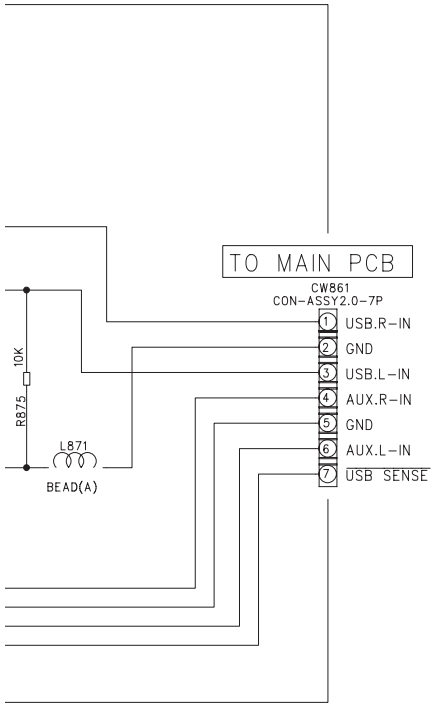


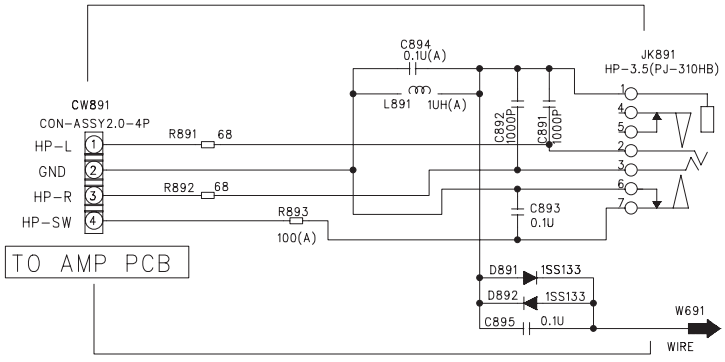
	Q803	Q802	Q8
DIMMER OFF	ON	ON	O
DIMMER-1	OFF	ON	O
DIMMER-2	OFF	OFF	O



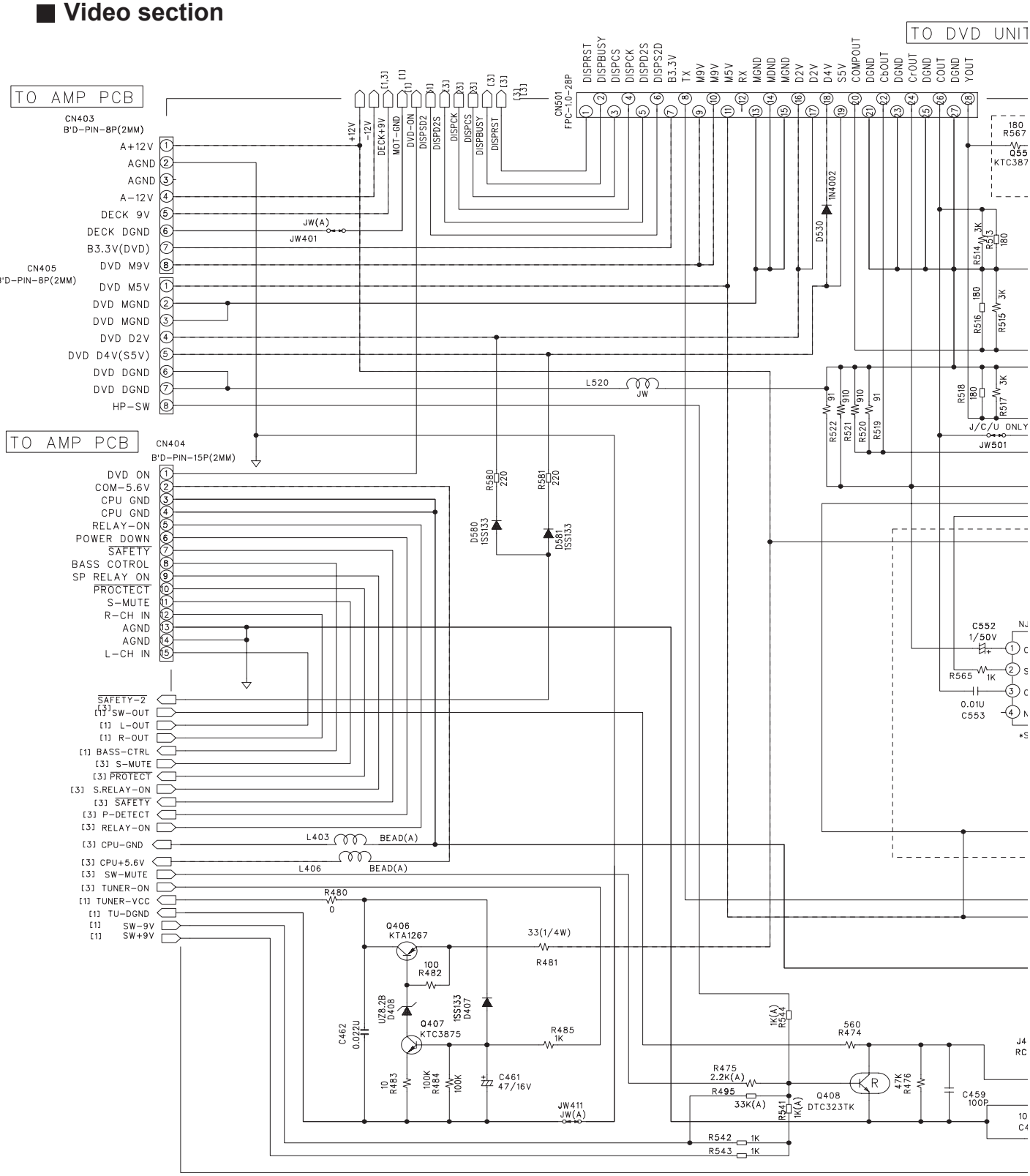
	Q803	Q802	Q805
R OFF	ON	ON	ON
R-1	OFF	ON	ON
R-2	OFF	OFF	OFF

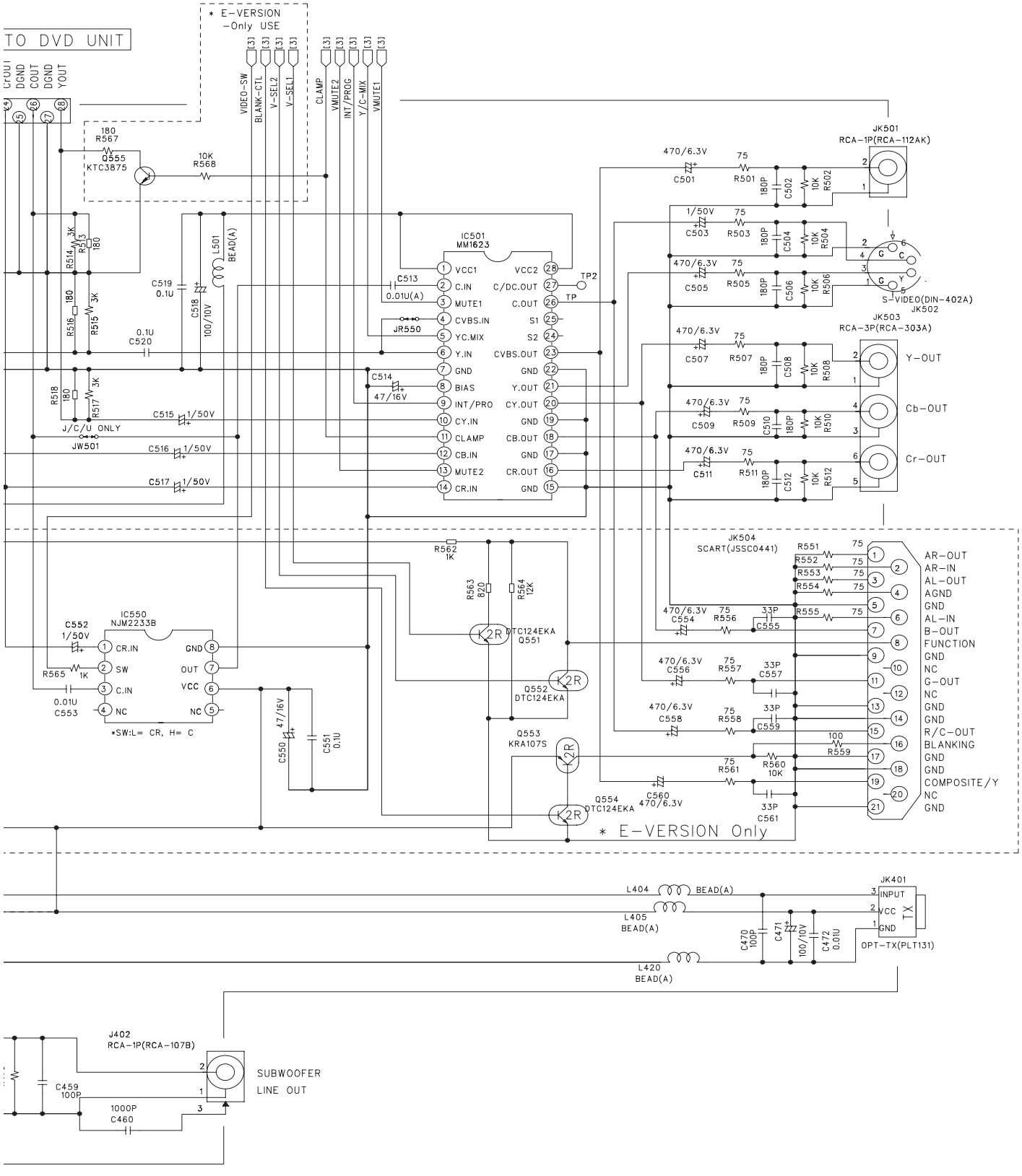






■ Video section



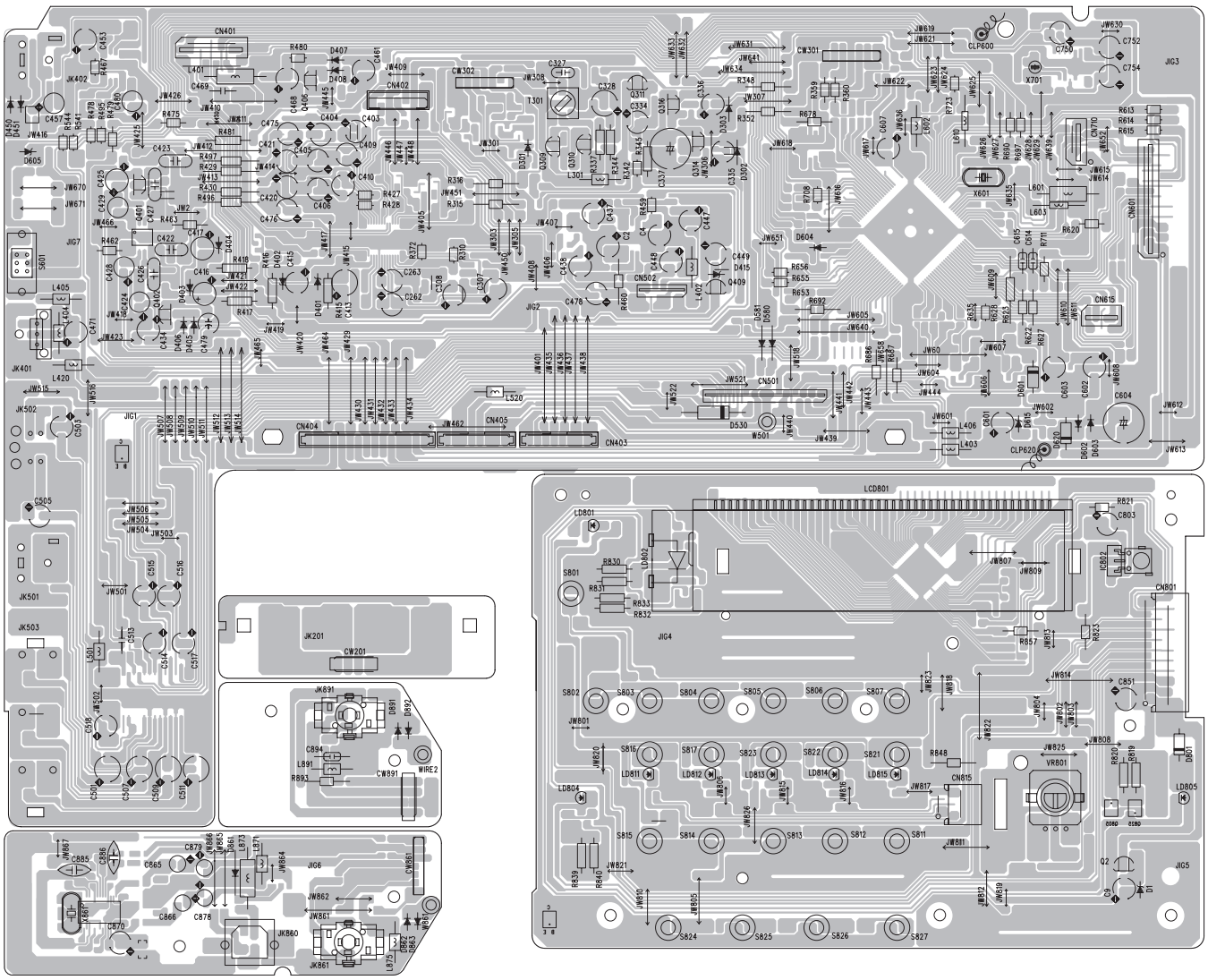

TO DVD UNIT
* E-VERSION
-Only USE
VIDEO-SW
BLANK-CTL
V-SEL2
V-SEL1
CLAMP
VMUTE2
INT/PROG
Y/C-MIX
VMUTE1
Q555
KTC3875
IC501
MM1623
JK501
RCA-1P(RCA-112AK)
JK502
S-VIDEO(DIN-402A)
JK503
RCA-3P(RCA-303A)
Y-OUT
Cb-OUT
Cr-OUT
JK504
SCART(JSSC0441)
AR-OUT
AR-IN
AL-OUT
AGND
GND
AL-IN
B-OUT
FUNCTION
NC
G-OUT
R/C-OUT
BLANKING
COMPOSITE/Y
IC550
NJM2233B
*SW:L= CR, H= C
Q551
DTC124EKA
Q552
DTC124EKA
Q553
KRA107S
Q554
DTC124EKA
* E-VERSION Only
JK401
OPT-TX(PLT131)
J402
RCA-1P(RCA-107B)
SUBWOOFER
LINE OUT
J/C/U ONLY
JW501
JR550

Printed circuit boards

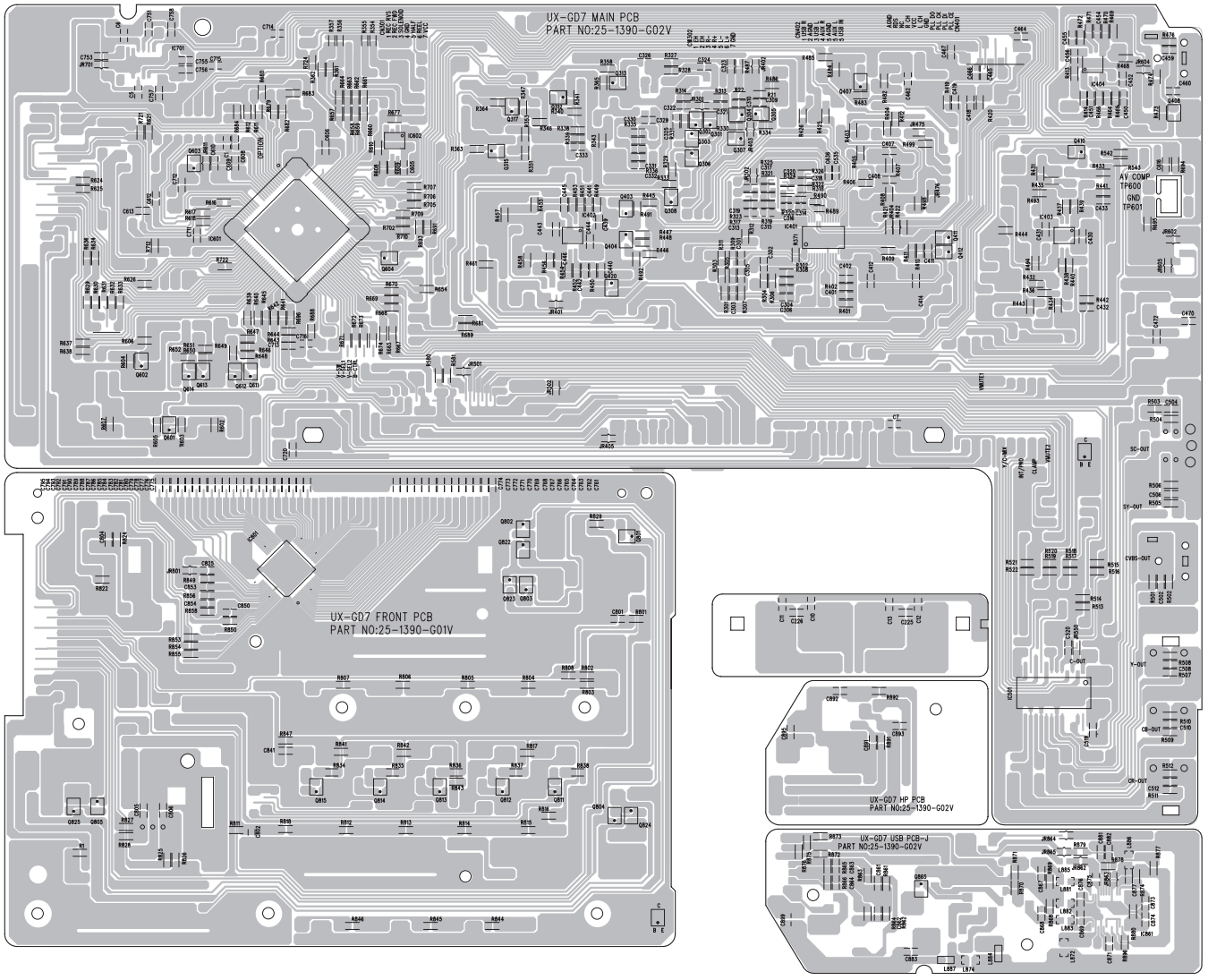
■ Main board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

(Forward side)



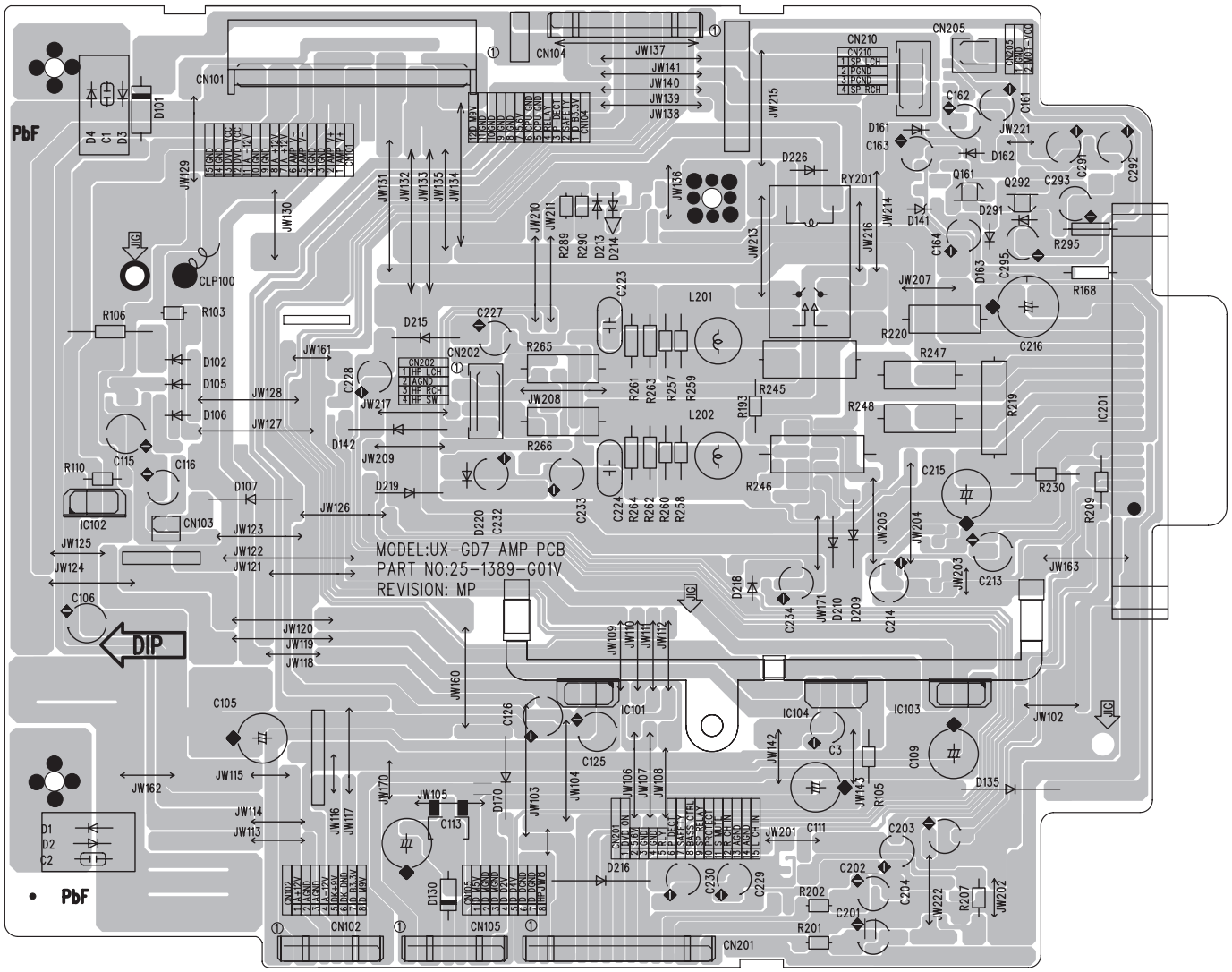
(Bottom side)


UX-GD7 MAIN PCB
PART NO:25-1390-G02V
UX-GD7 FRONT PCB
PART NO:25-1390-G01V
UX-GD7 HP PCB
PART NO:25-1390-G02V
UX-GD7 USB PCB-J
PART NO:25-1390-G02V

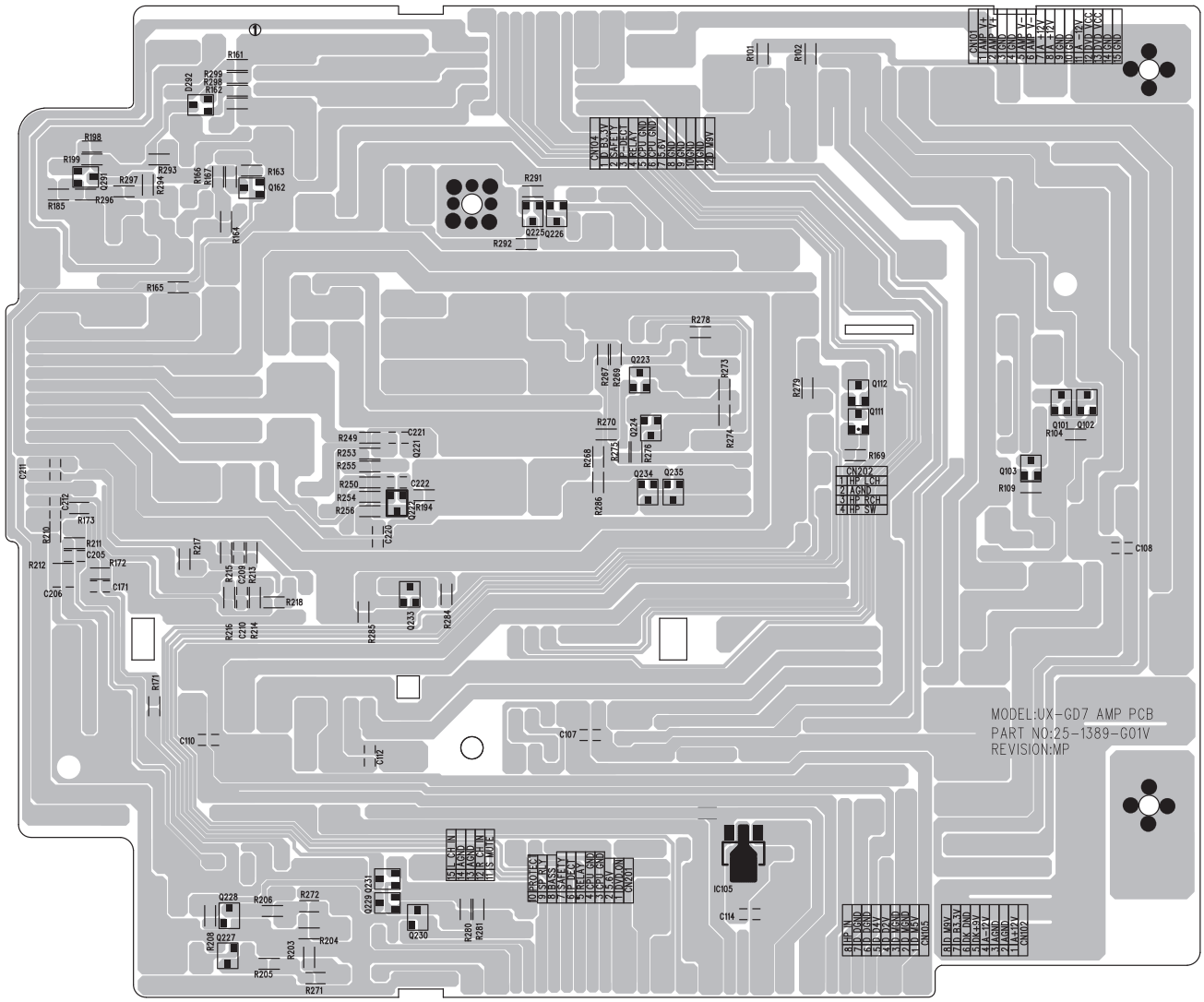
■ Amp board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

(Forward side)

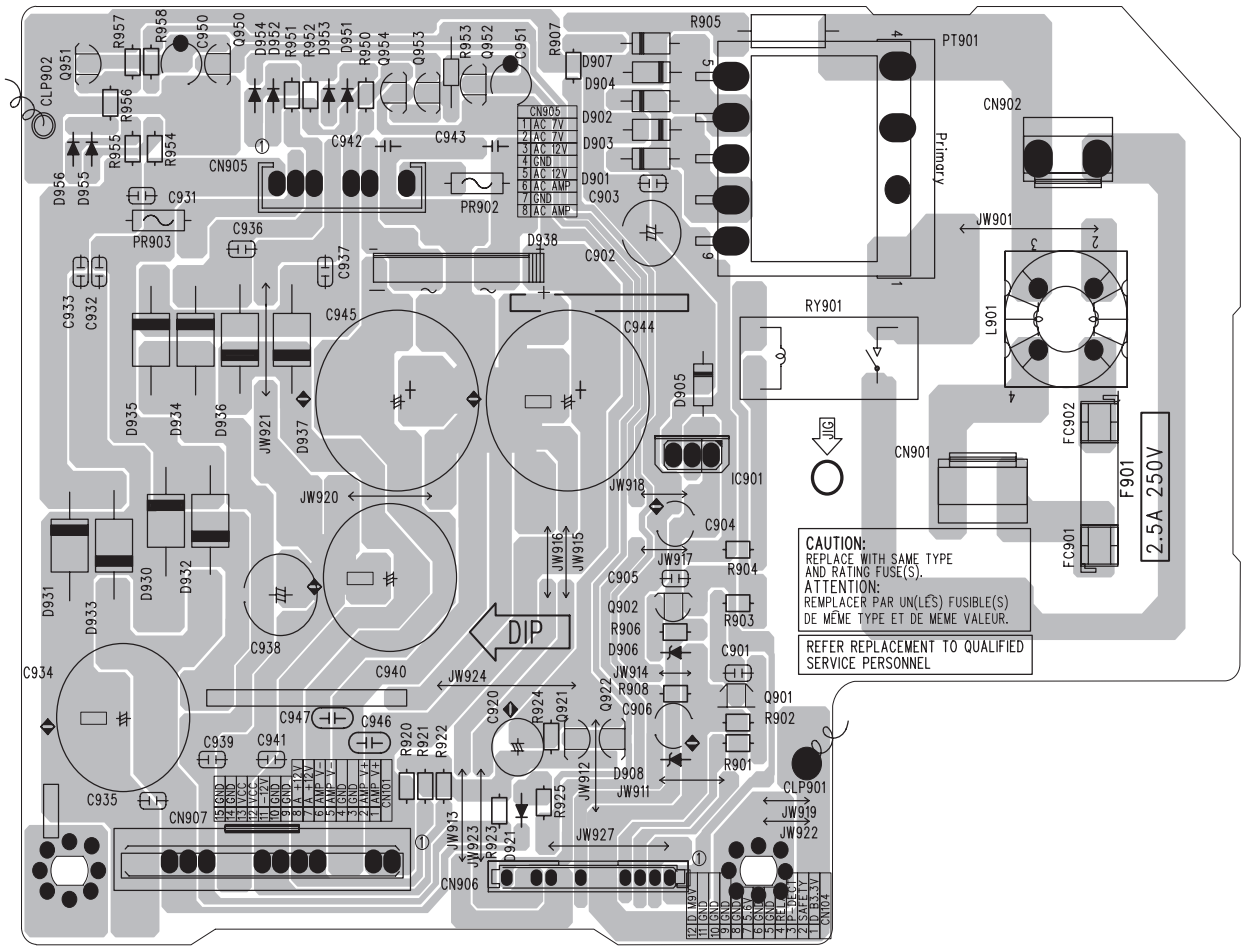


(Reverse side)



■ Trans board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



< MEMO >

JVC
Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY AUDIO/VIDEO SYSTEMS CATEGORY 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB355SCH)

Printed in Japan
VPT

PARTS LIST

[FS-GD7]

* All printed circuit boards and its assemblies are not available as service parts.

Area suffix

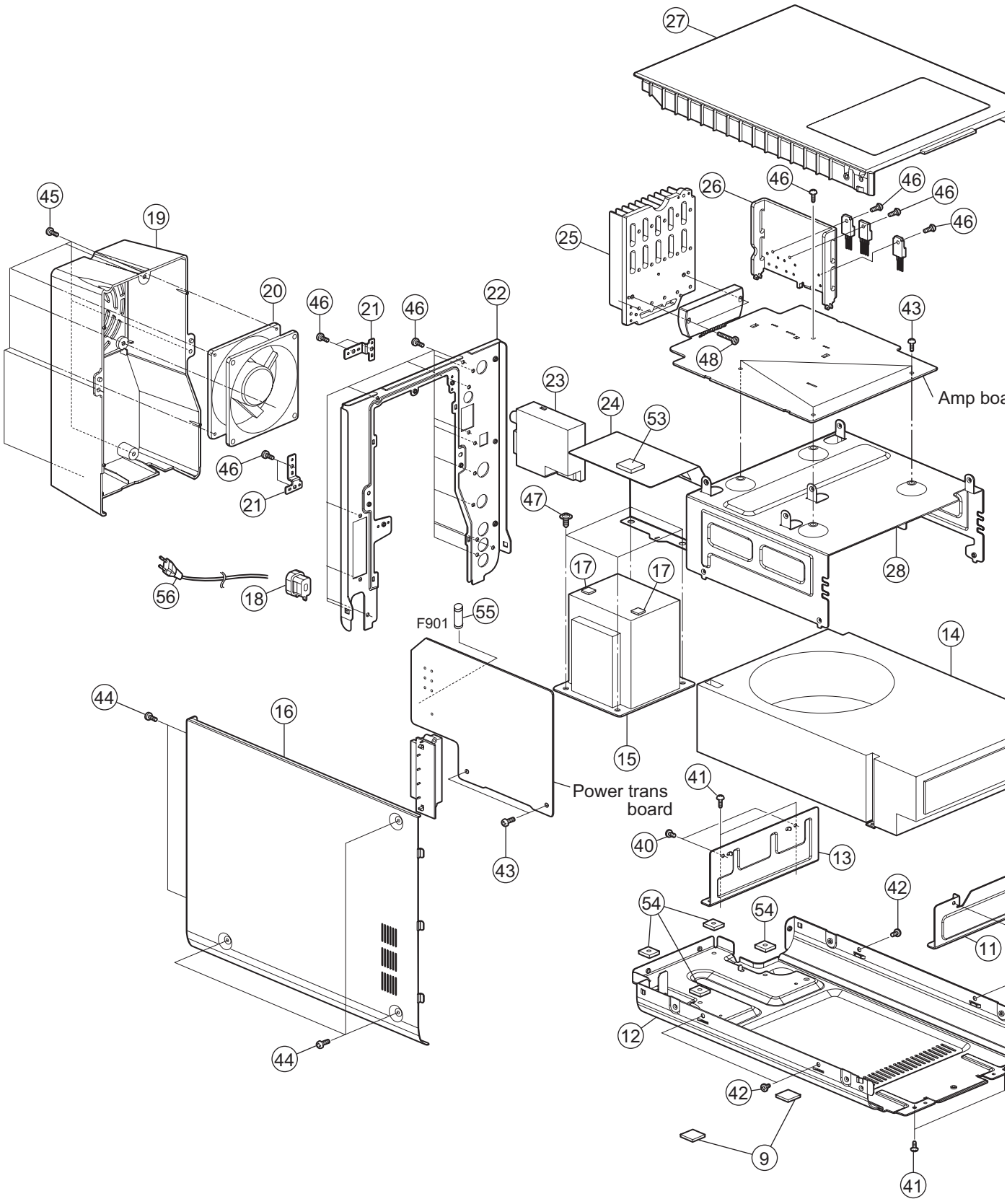
J ---------- U.S.A.
C ---------- Canada

- Contents -

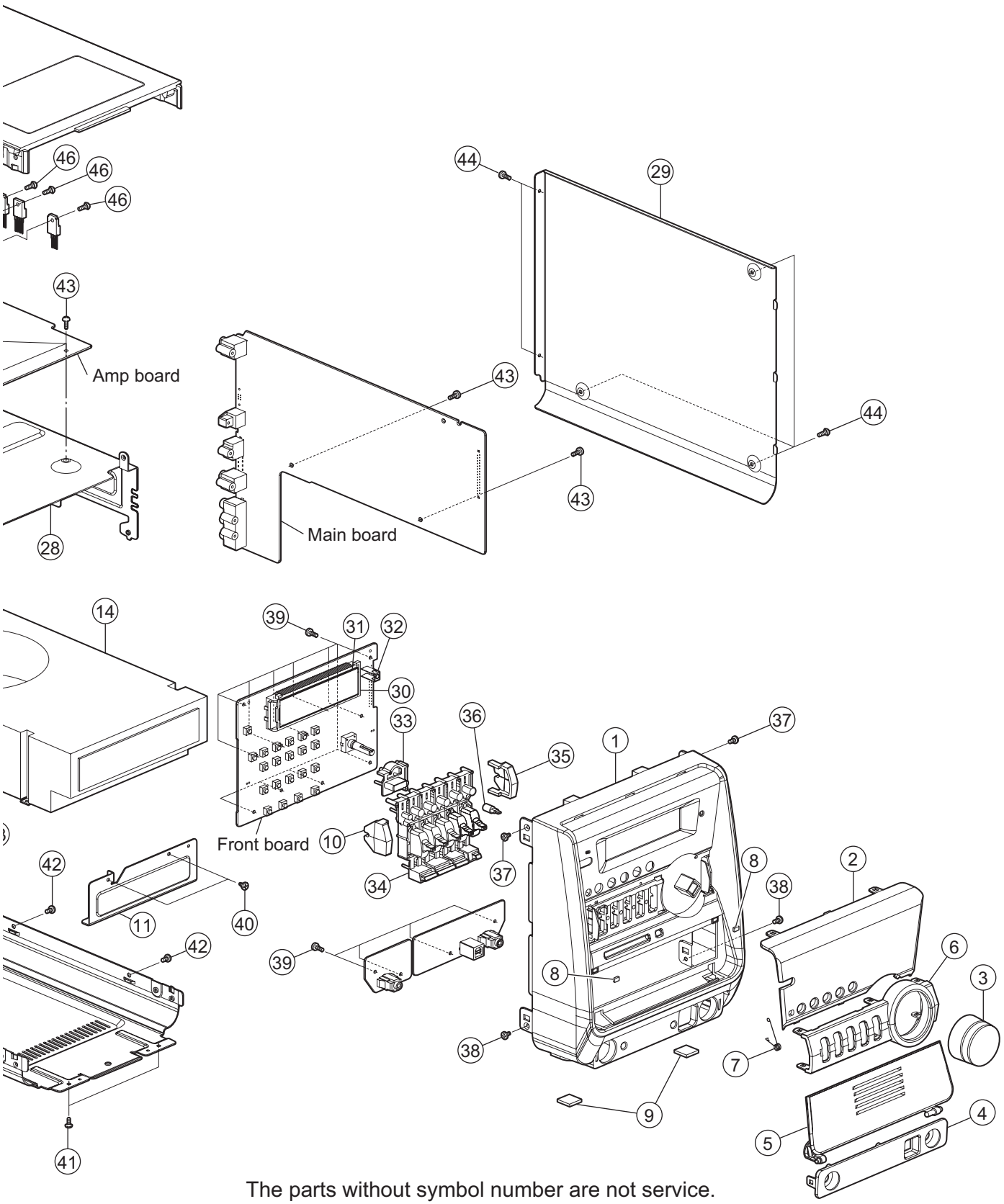
Exploded view of general assembly and parts list (Block No.M1) ---------- 3- 2
Electrical parts list (Block No.01~05) ---------- 3- 5
Packing materials and accessories parts list (Block No.M3) ---------- 3-12

Exploded view of general assembly and parts list

Block No. M 1 M M



VI



The parts without symbol number are not service.

General Assembly

Block No. [M][1][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
⚠	1	BI1080999101V1	FRONT CABINET	HIPS-8002 94V2	
	2	BI1081000101V1	WINDOW LENS	SAN-C-2495 94HB	
	3	BI1080800101V1	VOLUME KNOB	ABS-T700 94HB	
	4	BI1080920101V1	USB PANEL	HIPS-470 94HB	
	5	BI1080930101V1	DVD DOOR	HIPS-470 94HB	
	6	BI1080980101V1	DISC PANEL	ABS-T700 94HB	
	7	BI202917010101	DVD DOOR SPRING	SUS304	
	8	BI3021910101V1	RUBBER MAT	SILICON RUBBER(x2)	
	9	BI3021040101V1	RUBBER FOOT	EVA(x4)	
	10	BI1080960101V1	LED LENS L	PMMA-CP-51	
	11	BI2029130101W1	MECH FRONT HLDR	SECC T=1.0mm	
	12	BI2029100101W1	MAIN CHASSIS	SECC T=1.0mm	
	13	BI2029140101W1	MECH BACK HLDR	SECC T=1.0mm	
	14	BI253050002300V	5 DVD LOADER		
⚠	15	BI211041010001W	POWER TRANS	PT905	
	16	BI2029080101W1	SIDE PANEL L	SECC T=0.6mm	
	17	BI3021770101V1	CUSHION	FOR TRANS NR(x2)	
	18	BI301789010101	BUSHING		
⚠	19	BI1081649101X1	HEAT SINK COVER	PA-765A 94V0	
	20	BI2400251V	FAN	DC12V	
	21	BI2029600101W1	HEAT SINK HLDR	SECC T=1.0mm(x2)	
	22	BI2029110101W1	REAR PANEL	SECC T=0.8mm	
	23	BIZ25095701VV	TUNER PACK		
	24	BI202966010101	SHEET	T=0.5mm	
	25	BI202959010101	HEAT SINK	AL	
	26	BI202958010101	HEAT SINK SMALL	AL	
⚠	27	BI1080899101V1	TOP COVER	HIPS-8002 94V2	
	28	BI2029120101W1	MECH HOLDER	SECC T=0.8mm	
	29	BI2029090101W1	SIDE PANEL R	SECC T=0.6mm	
	30	BI1080870101V1	LCD HOLDER	ABS-T700 94HB	
	31	BI640FSGD705L	BACK LIGHT	BLUE	
	32	BI202814010101	HOLDER SENSOR		
	33	BI1080970101V1	POWER BUTTON	ABS-T700 94HB	
	34	BI1081010101V1	FUNCTION BUTTON	ABS-T700 94HB	
	35	BI1080950101V1	LED LENS R	PMMA-CP-51	
	36	BI1080940101V1	LENS	PMMA-CP-51	
	37	BIKT000625P11	SCREW	3xL10(x2)	
	38	BIKT000606B3	SCREW	3xL6(x2)	
	39	BIBT000418	SCREW	2.6XL8(x15)	
	40	BIBT000603P3	SCREW	3xL4(x4)	
	41	BIRT000605S3	SCREW	3xL5(x4)	
	42	BIBT000606B3W	SCREW	3xL6(x4)	
	43	BIRT000606B3W	SCREW	3xL6(x7)	
	44	BIRT000608B1W	SCREW	3xL8(x10)	
	45	BIRT000608B2W	SCREW	3xL8(x9)	
	46	BIRT000608B3W2	SCREW	3xL8(x23)	
	47	BIPMW001101S3	SCREW	4.0XL6 METAL(x4)	
	48	BIBT000654	SCREW	BT 3X16(x2)	
	53	BI3022370101V1	CUSHION		
	54	BI3022340101V1	RUBBER MAT	TRANS(x4)	
⚠	55	BI403131V	FUSE	2.5A 250V F901	
⚠	56	BI1401731V	POWER CORD		

Electrical parts list

Main board

Block No. [0][1]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC401	BD3881FV	IC	BI112721V	
IC402	NJM4558MD	IC	BI103311V	
IC403	NJM4558MD	IC	BI103311V	
IC404	NJM4558MD	IC	BI103311V	
IC501	MM1623XFBE	IC	BI117991V	
IC601	MN101C49GBA	IC	BI118441V	
IC602	M24C02	IC	BI111731V	
Q401	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q402	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q403	DTC323TK	DIGI TRANSISTOR	BI2DTC323TKA011	
Q404	DTC323TK	DIGI TRANSISTOR	BI2DTC323TKA011	
Q406	KTA1267GR	TRANSISTOR	BI2KTA1267GP000	
Q407	KTC3875	TRANSISTOR	BI2KTC3875YA014	
Q408	DTC323TK	DIGI TRANSISTOR	BI2DTC323TKA011	
Q409	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q411	KTC3875	TRANSISTOR	BI2KTC3875YA014	
Q412	KTC3875	TRANSISTOR	BI2KTC3875YA014	
Q420	DTA124EK	TRANSISTOR	BI2DTA124EKA008	
Q601	KTC3875	TRANSISTOR	BI2KTC3875YA014	
Q602	DTC114TK	TRANSISTOR	BI2DTC114TKA018	
Q604	DTC114EK	TRANSISTOR	BI2DTC114EKA018	
Q611	DTC114EK	TRANSISTOR	BI2DTC114EKA018	
Q612	DTC114EK	TRANSISTOR	BI2DTC114EKA018	
Q613	DTC114EK	TRANSISTOR	BI2DTC114EKA018	
Q614	DTC114EK	TRANSISTOR	BI2DTC114EKA018	
D401	UZ4.7BSA	Z DIODE	BI3UZ47BSAM000V	
D402	UZ4.7BSA	Z DIODE	BI3UZ47BSAM000V	
D403	UZ9.1BSC	Z DIODE	BI3UZ91BSCM000V	
D404	UZ9.1BSC	Z DIODE	BI3UZ91BSCM000V	
D405	1SS133	FR DIODE	BI31SS133M000V7	
D406	1SS133	FR DIODE	BI31SS133M000V7	
D407	1SS133	FR DIODE	BI31SS133M000V7	
D408	UZ8.2BSB	Z DIODE	BI3UZ82BSBM000V	
D415	UZ6.8 BSB	Z DIODE	BI3UZ68BSBM000V	
D530	1N4002	DIODE	BI31N4002M000V3	
D580	1SS133	FR DIODE	BI31SS133M000V7	
D581	1SS133	FR DIODE	BI31SS133M000V7	
D601	1N4002	DIODE	BI31N4002M000V3	
D602	1SS133	FR DIODE	BI31SS133M000V7	
D603	1SS133	FR DIODE	BI31SS133M000V7	
D604	1SS133	FR DIODE	BI31SS133M000V7	
D605	UZ6.2BSB	Z DIODE	BI3UZ62BSBM000V	
D615	UZ5.1BSB	Z DIODE	BI3UZ5.1BSBM000	
D620	1N4002	DIODE	BI31N4002M000V3	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C225	BICC153500KA042	C CAPACITOR	0.015uF	
C226	BICC153500KA042	C CAPACITOR	0.015uF	
C262	BICE225500MP015	E CAPACITOR	2.2U 50V	
C263	BICE225500MP015	E CAPACITOR	2.2U 50V	
C307	BICE476250MP015	E CAPACITOR	47uF 25V	
C308	BICE476250MP015	E CAPACITOR	47uF 25V	
C401	BICC822500KA042	C CAPACITOR	8200pF 50V	
C402	BICC822500KA042	C CAPACITOR	8200pF 50V	
C403	BICE475500MP015	E CAPACITOR	4.7uF 50V	
C404	BICE475500MP015	E CAPACITOR	4.7uF 50V	
C405	BICE104500MP015	E CAPACITOR	0.1uF 50V	
C406	BICE104500MP015	E CAPACITOR	0.1uF 50V	
C407	BICC683160KA042	C CAPACITOR	0.068uF	
C408	BICC683160KA042	C CAPACITOR	0.068uF	
C409	BICE474500MP015	E CAPACITOR	0.47uF 50V	
C410	BICE474500MP015	E CAPACITOR	0.47uF 50V	
C411	BICC101500JA041	C CAPACITOR	100pF	
C412	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C413	BICE227100MP015	E CAPACITOR	220uF 10V	
C414	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C415	BICE107100MP015	E CAPACITOR	100uF 10V	
C416	BICE107160MP111	E CAPACITOR	100uf 16V	
C417	BICE107160MP111	E CAPACITOR	100uf 16V	
C418	BICC222500KA042	C CAPACITOR	2200pF	
C419	BICC222500KA042	C CAPACITOR	2200pF	
C420	BICE226250MP015	E CAPACITOR	22U 25V	
C421	BICE226250MP015	E CAPACITOR	22U 25V	
C422	BICM124101KP015	M CAPACITOR	0.12uF 100V	
C423	BICM124101KP015	M CAPACITOR	0.12uF 100V	
C424	BICE107160MP111	E CAPACITOR	100uf 16V	
C425	BICE107160MP111	E CAPACITOR	100uf 16V	
C426	BICM124101KP015	M CAPACITOR	0.12uF 100V	
C427	BICM124101KP015	M CAPACITOR	0.12uF 100V	
C428	BICE475500MP111	E CAPACITOR	4.7uf 50V	
C429	BICE475500MP111	E CAPACITOR	4.7uf 50V	
C430	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C431	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C432	BICC102500JA041	C CAPACITOR	1000pF 50V	
C433	BICC102500JA041	C CAPACITOR	1000pF 50V	
C434	BICE475500MP015	E CAPACITOR	4.7uF 50V	
C437	BICE226500MP015	E CAPACITOR	22uF 50V	
C438	BICE226500MP015	E CAPACITOR	22uF 50V	
C439	BICC102500JA041	C CAPACITOR	1000pF 50V	
C440	BICC102500JA041	C CAPACITOR	1000pF 50V	
C441	BICC331500JA041	C CAPACITOR	330pF	
C442	BICC331500JA041	C CAPACITOR	330pF	
C443	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C444	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C445	BICC332500KA042	C CAPACITOR	3300pF	
C446	BICC332500KA042	C CAPACITOR	3300pF	
C447	BICE226500MP015	E CAPACITOR	22uF 50V	
C448	BICE226500MP015	E CAPACITOR	22uF 50V	
C449	BICE107100MP015	E CAPACITOR	100uF 10V	
C450	BICC104500KA042	C CAPACITOR	0.1uF	
C451	BICC224250KA022	C CAPACITOR	0.22uF 25V	
C452	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C453	BICE105500MP015	E CAPACITOR	1uF 50V	
C454	BICC104500KA042	C CAPACITOR	0.1uF	
C455	BICC103500KA042	C CAPACITOR	0.01uF	
C456	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C457	BICE334500MP111	E CAPACITOR	0.33uF 50V	
C459	BICC101500JA041	C CAPACITOR	100pF	
C460	BICC102500JA041	C CAPACITOR	1000pF 50V	
C461	BICE476160MP015	E CAPACITOR	47uF 16V	
C462	BICC223500KA042	C CAPACITOR	0.022uF	
C464	BICC101500JA041	C CAPACITOR	100pF	
C465	BICC101500JA041	C CAPACITOR	100pF	
C466	BICC101500JA041	C CAPACITOR	100pF	
C467	BICC101500JA041	C CAPACITOR	100pF	
C468	BICE107160MP015	E CAPACITOR	100uF 16V	
C469	BICH103500KM019	C CAPACITOR	0.01uF 50V	
C470	BICC101500JA041	C CAPACITOR	100pF	
C471	BICE107100MP015	E CAPACITOR	100uF 10V	
C472	BICC103500KA042	C CAPACITOR	0.01uF	
C480	BICE475500MP111	E CAPACITOR	4.7uf 50V	
C501	BICE477063MP015	E CAPACITOR	470uF 6.3V	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C502	BICC181500JA041	C CAPACITOR	180pF	
C503	BICE105500MP015	E CAPACITOR	1uF 50V	
C504	BICC181500JA041	C CAPACITOR	180pF	
C505	BICE477063MP015	E CAPACITOR	470uF 6.3V	
C506	BICC181500JA041	C CAPACITOR	180pF	
C507	BICE477063MP015	E CAPACITOR	470uF 6.3V	
C508	BICC181500JA041	C CAPACITOR	180pF	
C509	BICE477063MP015	E CAPACITOR	470uF 6.3V	
C510	BICC181500JA041	C CAPACITOR	180pF	
C511	BICE477063MP015	E CAPACITOR	470uF 6.3V	
C512	BICC181500JA041	C CAPACITOR	180pF	
C513	BICH103500KM019	C CAPACITOR	0.01uF 50V	
C514	BICE476160MP015	E CAPACITOR	47U 16V	
C515	BICE105500MP015	E CAPACITOR	1uF 50V	
C516	BICE105500MP015	E CAPACITOR	1uF 50V	
C517	BICE105500MP015	E CAPACITOR	1uF 50V	
C518	BICE107100MP015	E CAPACITOR	100uF 10V	
C519	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C520	BICC104500KA042	C CAPACITOR	0.1uF	
C535	BICC102500JA041	C CAPACITOR	1000pF 50V	
C601	BICE107100MP015	E CAPACITOR	100uF 10V	
C602	BICE475500MP015	E CAPACITOR	4.7uF 50V	
C603	BICE225500MP015	E CAPACITOR	2.2uF 50V	
C604	BICE108100MP015	E CAPACITOR	1000uF 10V	
C605	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C606	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C607	BICE107100MP015	E CAPACITOR	100uF 10V	
C608	BICC103500KA042	C CAPACITOR	0.01uF	
C609	BICC200500JA041	C CAPACITOR	20pF 50V	
C610	BICC270500JA041	C CAPACITOR	27pF	
C612	BICC101500JA041	C CAPACITOR	100pF	
C613	BICC101500JA041	C CAPACITOR	100pF	
C614	BICH104500KM019	C CAPACITOR	0.1uF	
C615	BICH104500KM019	C CAPACITOR	0.1uF	
C616	BICC331500JA041	C CAPACITOR	330pF	
C636	BICC102500JA041	C CAPACITOR	1000pF 50V	
C711	BICC101500JA041	C CAPACITOR	100pF	
C712	BICC102500JA041	C CAPACITOR	1000pF 50V	
C713	BICC102500JA041	C CAPACITOR	1000pF 50V	
C720	BICC224250KA022	C CAPACITOR	0.22uF 25V	
R301	BIRC1830105A005	C RESISTOR	18KΩ 1/10W	
R302	BIRC1830105A005	C RESISTOR	18KΩ 1/10W	
R303	BIRC3320105A005	C RESISTOR	3.3KΩ 1/10W	
R304	BIRC3320105A005	C RESISTOR	3.3KΩ 1/10W	
R309	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
R371	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R372	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R401	BIRC5630105A005	C RESISTOR	56KΩ 1/10W	
R402	BIRC5630105A005	C RESISTOR	56KΩ 1/10W	
R403	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R404	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R405	BIRC6830105A005	C RESISTOR	68KΩ 1/10W	
R406	BIRC6830105A005	C RESISTOR	68KΩ 1/10W	
R407	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R408	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R409	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R410	BIRC4720105A005	C RESISTOR	4.7KΩ 1/10W	
R411	BIRC4720105A005	C RESISTOR	4.7KΩ 1/10W	
R412	BIRC2240105A005	C RESISTOR	220KΩ 1/10W	
R413	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R414	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R415	BIRC4710045N000	C RESISTOR	470Ω 1/4W	
R416	BIRC4710045N000	C RESISTOR	470Ω 1/4W	
R417	BIRC8200045M000	C RESISTOR	82Ω 1/4W	
R418	BIRC8200045M000	C RESISTOR	82Ω 1/4W	
R419	BIRC1530105A005	C RESISTOR	15KΩ 1/10W	
R420	BIRC1530105A005	C RESISTOR	15KΩ 1/10W	
R421	BIRC8210105A005	C RESISTOR	820Ω 1/10W	
R422	BIRC8210105A005	C RESISTOR	820Ω 1/10W	
R425	BIRC3320105A005	C RESISTOR	3.3KΩ 1/10W	
R426	BIRC3320105A005	C RESISTOR	3.3KΩ 1/10W	
R427	BIRC1220085M000	C RESISTOR	1.2 KΩ	
R428	BIRC1220085M000	C RESISTOR	1.2 KΩ	
R429	BIRC4720085N000	C RESISTOR	4.7KΩ 1/8W	
R430	BIRC4720085N000	C RESISTOR	4.7KΩ 1/8W	
R431	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R432	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R433	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R434	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R435	BIRC1220105A005	C RESISTOR	1.2KΩ 1/10W	
R436	BIRC1220105A005	C RESISTOR	1.2KΩ 1/10W	
R437	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
R438	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
R439	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R440	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R441	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R442	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R443	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R445	BIRC1230105A005	C RESISTOR	12KΩ 1/10W	
R446	BIRC1230105A005	C RESISTOR	12KΩ 1/10W	
R447	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R448	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R449	BIRC1520105A005	C RESISTOR	1.5KΩ 1/10W	
R450	BIRC1520105A005	C RESISTOR	1.5KΩ 1/10W	
R451	BIRC8220105A005	C RESISTOR	8.2KΩ 1/10W	
R452	BIRC8220105A005	C RESISTOR	8.2KΩ 1/10W	
R453	BIRC8210105A005	C RESISTOR	820Ω 1/10W	
R454	BIRC8210105A005	C RESISTOR	820Ω 1/10W	
R455	BIRC3920105A005	C RESISTOR	3.9KΩ 1/10W	
R456	BIRC3920105A005	C RESISTOR	3.9KΩ 1/10W	
R457	BIRC4720105A005	C RESISTOR	4.7KΩ 1/10W	
R458	BIRC4720105A005	C RESISTOR	4.7KΩ 1/10W	
R459	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R460	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R461	BIRC3310105A005	C RESISTOR	330Ω 1/10W	
R462	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R463	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R465	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R466	BIRC3320105A005	C RESISTOR	3.3KΩ 1/10W	
R467	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R468	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R469	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R470	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R471	BIRC1820105A005	C RESISTOR	1.8KΩ 1/10W	
R472	BIRC3320105A005	C RESISTOR	3.3KΩ 1/10W	
R473	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R474	BIRC5610105A005	C RESISTOR	560Ω 1/10W	
R475	BIRC2220085M000	C RESISTOR	2.2KΩ 1/8W	
R476	BIRC4730105A005	C RESISTOR	47KΩ 1/10W	
R478	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R479	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R481	BIRC3300045M000	C RESISTOR	33Ω 1/4W	
R482	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R483	BIRC1000105A005	C RESISTOR	10Ω 1/10W	
R484	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R485	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R486	BIRC4720105A005	C RESISTOR	4.7KΩ 1/10W	
R487	BIRC4720105A005	C RESISTOR	4.7KΩ 1/10W	
R489	BIRC4710105A005	C RESISTOR	470Ω 1/10W	
R490	BIRC4710105A005	C RESISTOR	470Ω 1/10W	
R491	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R492	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R493	BIRC2240105A005	C RESISTOR	220KΩ 1/10W	
R494	BIRC2240105A005	C RESISTOR	220KΩ 1/10W	
R495	BIRC3330085M000	C RESISTOR	33KΩ 1/8W	
R496	BIRC2730085M000	C RESISTOR	27KΩ1/8W	
R497	BIRC2730085M000	C RESISTOR	27KΩ1/8W	
R498	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R499	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R501	BIRC7500105A005	C RESISTOR	75Ω 1/10W	
R502	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R503	BIRC7500105A005	C RESISTOR	75Ω 1/10W	
R504	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R505	BIRC7500105A005	C RESISTOR	75Ω 1/10W	
R506	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R507	BIRC7500105A005	C RESISTOR	75Ω 1/10W	
R508	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R509	BIRC7500105A005	C RESISTOR	75Ω 1/10W	
R510	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R511	BIRC7500105A005	C RESISTOR	75Ω 1/10W	
R512	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R513	BIRC1810105A005	C RESISTOR	180Ω 1/10W	
R514	BIRC3020105A005	C RESISTOR	3KΩ 1/10W	
R515	BIRC3020105A005	C RESISTOR	3KΩ 1/10W	
R516	BIRC1810105A005	C RESISTOR	180Ω 1/10W	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R517	BIRC3020105A005	C RESISTOR	3KΩ 1/10W	
R518	BIRC1810105A005	C RESISTOR	180Ω 1/10W	
R519	BIRC9100105A005	C RESISTOR	91Ω 1/10W	
R520	BIRC9110105A005	C RESISTOR	910Ω 1/10W	
R521	BIRC9110105A005	C RESISTOR	910Ω 1/10W	
R522	BIRC9100105A005	C RESISTOR	91Ω 1/10W	
R541	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R542	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R543	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R544	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R580	BIRC2210105A005	C RESISTOR	220Ω 1/10W	
R581	BIRC2210105A005	C RESISTOR	220Ω 1/10W	
R602	BIRC3330105A005	C RESISTOR	33KΩ 1/10W	
R603	BIRC4730105A005	C RESISTOR	47KΩ 1/10W	
R604	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R605	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R606	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R607	BIRC3310105A005	C RESISTOR	330Ω 1/10W	
R610	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R611	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R613	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R614	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R615	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R616	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R617	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R618	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R620	BIRC2220085M000	C RESISTOR	2.2KΩ 1/8W	
R621	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R622	BIRC2220085M000	C RESISTOR	2.2KΩ 1/8W	
R623	BIRC2220085N000	C RESISTOR	2.2KΩ 1/8W	
R624	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R625	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R626	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R627	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R628	BIRC1030085M000	C RESISTOR	10KΩ 1/8W	
R634	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R636	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R637	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R638	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R639	BIRC3320105A005	C RESISTOR	3.3KΩ 1/10W	
R640	BIRC3320105A005	C RESISTOR	3.3KΩ 1/10W	
R641	BIRC3320105A005	C RESISTOR	3.3KΩ 1/10W	
R642	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R643	BIRC1230105A005	C RESISTOR	12KΩ 1/10W	
R644	BIRC1230105A005	C RESISTOR	12KΩ 1/10W	
R645	BIRC1230105A005	C RESISTOR	12KΩ 1/10W	
R646	BIRC1230105A005	C RESISTOR	12KΩ 1/10W	
R647	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R648	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R649	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R650	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R651	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R652	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R654	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R661	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R662	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R663	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R664	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R665	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R667	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R668	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R669	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R670	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R677	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R678	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R679	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R680	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R681	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R682	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R683	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R684	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R686	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R687	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R688	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R689	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R690	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R691	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R692	BIRC2220085M000	C RESISTOR	2.2KΩ 1/8W	
R693	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R694	BIRC2210105A005	C RESISTOR	220Ω 1/10W	
R695	BIRC4710105A005	C RESISTOR	470Ω 1/10W	
R696	BIRC3320105A005	C RESISTOR	3.3KΩ 1/10W	
R697	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R702	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R705	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R706	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R707	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R708	BIRC2220085M000	C RESISTOR	2.2KΩ 1/8W	
R721	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R722	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R723	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R724	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
L401	BI18A843556N000	FILTER BEAD	843556 TB36	
L402	BI18A843556N000	FILTER BEAD	843556 TB36	
L403	BI18A843556N000	FILTER BEAD	843556 TB36	
L404	BI18A843556N000	FILTER BEAD	843556 TB36	
L405	BI18A843556N000	FILTER BEAD	843556 TB36	
L406	BI18A843556N000	FILTER BEAD	843556 TB36	
L420	BI18A843556N000	FILTER BEAD	843556 TB36	
L501	BI18A843556N000	FILTER BEAD	843556 TB36	
L601	BI26101000KN002	COIL	100uH	
L602	BI18A843556N000	FILTER BEAD	843556 TB36	
L603	BI18A843556N000	FILTER BEAD	843556 TB36	
L610	BI26100000KN000	COIL	10uH	
CLP600	BI11IA050M0Y	BLACK WIRE	50mm UL1007	
CN401	BI12S110020V	FFC CONNECTOR	11P	
CN402	BI12S70023V	CONNECTOR	7P	
CN403	BI12S80058V	SOCKET	8P BOARD TO BOARD	
CN404	BI12S150028V	SOCKET	15P BOARD TO BOARD	
CN405	BI12S80058V	SOCKET	8P BOARD TO BOARD	
CN501	BI12S280006V	SOCKET	1.0-11-28P	
CN502	BI12S100043V	SOCKET	1.0-11-10P	
CN601	BI12S200011V	CONNECTOR	20P	
CW201	BI12P40294V	CONNECTOR ASSY	B2512HV-4P	
JK201	BI23F0721V	SPK TERMINAL	TERMINAL	
JK401	BI2301491V	OPT TRANSMITTER	PLT13	
JK402	BI23B1591V	JACK	JKCK BLACK	
JK501	BI23F0671V	RCA JACK	RCA-112AK-04	
JK502	BI23F0621V	DIN SOCKET	DIN-402A	
JK503	BI2301531V	RCA JACK	3PINS	
JR32	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
JR401	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
JR404	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
JR405	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
JR475	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
JR476	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
JR501	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
JR502	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
JR550	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
JR602	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
JR604	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
JR605	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
JR611	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
X601	BI2102691V	CRYSTAL	8MHZ	
XXXXX	BI251390G02V	MAIN PCB		

Front board

Block No. [0][2]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC801	PT6524	IC	BI118101V	
IC802	RPM7140-V4	IC	BI115291V	
IC861	PCM2704	IC	BI118061V 28P	
Q801	KRC107S	TRANSISTOR	BI2KRC107SA019V	

⚠ Symbol No.	Part No.	Part Name	Description	Local
Q802	DTC124EKA	TRANSISTOR	BI2DTC124EKA018	
Q803	DTC124EKA	TRANSISTOR	BI2DTC124EKA018	
Q804	DTC124EKA	TRANSISTOR	BI2DTC124EKA018	
Q805	DTC124EKA	TRANSISTOR	BI2DTC124EKA018	
Q822	DTA124EK	DIGI TRANSISTOR	BI2DTA124EKA008	
Q823	DTA124EK	DIGI TRANSISTOR	BI2DTA124EKA008	
Q824	DTA124EK	DIGI TRANSISTOR	BI2DTA124EKA008	
Q825	DTA124EK	DIGI TRANSISTOR	BI2DTA124EKA008	
Q865	DTC114EK	DIGI TRANSISTOR	BI2DTC114EKA018	
D801	1N4002	DIODE	BI31N4002M000V3	
D861	1SS133	FR DIODE	BI31SS133M000V7	
D862	1SS133	FR DIODE	BI31SS133M000V7	
D863	1SS133	FR DIODE	BI31SS133M000V7	
D891	1SS133	FR DIODE	BI31SS133M000V7	
D892	1SS133	FR DIODE	BI31SS133M000V7	
C761	BICC102500JA041	C CAPACITOR	1000pF 50V	
C762	BICC102500JA041	C CAPACITOR	1000pF 50V	
C763	BICC102500JA041	C CAPACITOR	1000pF 50V	
C764	BICC102500JA041	C CAPACITOR	1000pF 50V	
C765	BICC102500JA041	C CAPACITOR	1000pF 50V	
C766	BICC102500JA041	C CAPACITOR	1000pF 50V	
C767	BICC102500JA041	C CAPACITOR	1000pF 50V	
C768	BICC102500JA041	C CAPACITOR	1000pF 50V	
C769	BICC102500JA041	C CAPACITOR	1000pF 50V	
C770	BICC102500JA041	C CAPACITOR	1000pF 50V	
C771	BICC102500JA041	C CAPACITOR	1000pF 50V	
C772	BICC102500JA041	C CAPACITOR	1000pF 50V	
C773	BICC102500JA041	C CAPACITOR	1000pF 50V	
C774	BICC102500JA041	C CAPACITOR	1000pF 50V	
C775	BICC102500JA041	C CAPACITOR	1000pF 50V	
C776	BICC102500JA041	C CAPACITOR	1000pF 50V	
C777	BICC102500JA041	C CAPACITOR	1000pF 50V	
C778	BICC102500JA041	C CAPACITOR	1000pF 50V	
C779	BICC102500JA041	C CAPACITOR	1000pF 50V	
C780	BICC102500JA041	C CAPACITOR	1000pF 50V	
C781	BICC102500JA041	C CAPACITOR	1000pF 50V	
C782	BICC102500JA041	C CAPACITOR	1000pF 50V	
C783	BICC102500JA041	C CAPACITOR	1000pF 50V	
C784	BICC102500JA041	C CAPACITOR	1000pF 50V	
C785	BICC102500JA041	C CAPACITOR	1000pF 50V	
C786	BICC102500JA041	C CAPACITOR	1000pF 50V	
C787	BICC102500JA041	C CAPACITOR	1000pF 50V	
C788	BICC102500JA041	C CAPACITOR	1000pF 50V	
C789	BICC102500JA041	C CAPACITOR	1000pF 50V	
C790	BICC102500JA041	C CAPACITOR	1000pF 50V	
C791	BICC102500JA041	C CAPACITOR	1000pF 50V	
C792	BICC102500JA041	C CAPACITOR	1000pF 50V	
C793	BICC102500JA041	C CAPACITOR	1000pF 50V	
C794	BICC102500JA041	C CAPACITOR	1000pF 50V	
C795	BICC102500JA041	C CAPACITOR	1000pF 50V	
C801	BICC103500KA042	C CAPACITOR	0.01uF	
C802	BICC103500KA042	C CAPACITOR	0.01uF	
C803	BICE107160MP015	E CAPACITOR	100uF 16V	
C804	BICC102500JA041	C CAPACITOR	1000pF 50V	
C805	BICC472500KA042	C CAPACITOR	4700pF	
C806	BICC472500KA042	C CAPACITOR	4700pF	
C825	BICC104500KA042	C CAPACITOR	0.1uF	
C841	BICC103500KA042	C CAPACITOR	0.01uF	
C850	BICC101500JA041	C CAPACITOR	100pF	
C851	BICE107160MP015	E CAPACITOR	100uF 16V	
C853	BICC473500KA042	C CAPACITOR	0.047uF	
C854	BICC473500KA042	C CAPACITOR	0.047uF	
C861	BICC102500JA041	C CAPACITOR	1000pF 50V	
C862	BICC102500JA041	C CAPACITOR	1000pF 50V	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C863	BICC102500JA041	C CAPACITOR	1000pF 50V	
C864	BICC102500JA041	C CAPACITOR	1000pF 50V	
C865	BICE107100MP010	E CAPACITOR	100uF 10V	
C866	BICE107100MP010	E CAPACITOR	100uF 10V	
C867	BICC223500KA042	C CAPACITOR	0.022uF	
C868	BICC223500KA042	C CAPACITOR	0.022uF	
C869	BICC105160ZA023	C CAPACITOR	1uF 16V	
C870	BICE476160MP015	E CAPACITOR	47uF 16V	
C871	BICC105160ZA023	C CAPACITOR	1uF 16V	
C873	BICC220500JA041	C CAPACITOR	22pF	
C874	BICC220500JA041	C CAPACITOR	22pF	
C876	BICC105160ZA023	C CAPACITOR	1uF 16V	
C877	BICC105160ZA023	C CAPACITOR	1uF 16V	
C878	BICE225500MP010	E CAPACITOR	2.2uF 50V	
C879	BICE225500MP010	E CAPACITOR	2.2uF 50V	
C881	BICC101500JA041	C CAPACITOR	100pF	
C882	BICC101500JA041	C CAPACITOR	100pF	
C883	BICC104500KA042	C CAPACITOR	0.1uF	
C885	BICC472500KP017	C CAPACITOR	0.0047uF 50V	
C886	BICC122500KP017	C CAPACITOR	1200pF 50V	
C891	BICC102500JA041	C CAPACITOR	1000pF 50V	
C892	BICC102500JA041	C CAPACITOR	1000pF 50V	
C893	BICC104500KA042	C CAPACITOR	0.1uF	
C894	BICH104500KM019	C CAPACITOR	0.1uF	
C895	BICC104500KA042	C CAPACITOR	0.1uF	
R801	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R802	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R803	BIRC1220105A005	C RESISTOR	1.2KΩ 1/10W	
R804	BIRC1520105A005	C RESISTOR	1.5KΩ 1/10W	
R805	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R806	BIRC2720105A005	C RESISTOR	2.7KΩ 1/10W	
R807	BIRC3920105A005	C RESISTOR	3.9KΩ 1/10W	
R808	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R811	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R812	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R813	BIRC1220105A005	C RESISTOR	1.2KΩ 1/10W	
R814	BIRC1520105A005	C RESISTOR	1.5KΩ 1/10W	
R815	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R816	BIRC2720105A005	C RESISTOR	2.7KΩ 1/10W	
R817	BIRC3920105A005	C RESISTOR	3.9KΩ 1/10W	
R818	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R819	BIRC4710045M000	C RESISTOR	470Ω 1/4W	
R821	BIRC3300085M000	C RESISTOR	33Ω 1/8W	
R822	BIRC4710105A005	C RESISTOR	470Ω 1/10W	
R823	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R824	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R825	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R826	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R827	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R828	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R829	BIRC4710105A005	C RESISTOR	470Ω 1/10W	
R830	BIRC1820085M000	C RESISTOR	1.8KΩ	
R831	BIRC1520085M000	C RESISTOR	1.5KΩ	
R833	BIRC1220085M000	C RESISTOR	1.2KΩ	
R840	BIRC6810045M000	C RESISTOR	680Ω 1/4W	
R841	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R842	BIRC1220105A005	C RESISTOR	1.2KΩ 1/10W	
R843	BIRC1520105A005	C RESISTOR	1.5KΩ 1/10W	
R844	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R845	BIRC2720105A005	C RESISTOR	2.7KΩ 1/10W	
R846	BIRC3920105A005	C RESISTOR	3.9KΩ 1/10W	
R847	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R848	BIRC1030085M000	C RESISTOR	10KΩ 1/8W	
R849	BIRC4720105A005	C RESISTOR	4.7KΩ 1/10W	
R850	BIRC2740105A005	C RESISTOR	270KΩ 1/10W	
R853	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R854	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R855	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R856	BIRC4720105A005	C RESISTOR	4.7KΩ 1/10W	
R857	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R858	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R861	BIRC2230105A005	C RESISTOR	22KΩ 1/10W	
R862	BIRC2230105A005	C RESISTOR	22KΩ 1/10W	
R863	BIRC1220105A005	C RESISTOR	1.2KΩ 1/10W	
R864	BIRC1220105A005	C RESISTOR	1.2KΩ 1/10W	
R865	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R866	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R868	BIRC1800105A005	C RESISTOR	18Ω 1/10W	
R869	BIRC1800105A005	C RESISTOR	18Ω 1/10W	
R870	BIRC3310105A005	C RESISTOR	330Ω 1/10W	
R871	BIRC3310105A005	C RESISTOR	330Ω 1/10W	
R872	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R873	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R874	BIRC1520105A005	C RESISTOR	1.5KΩ 1/10W	
R875	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R876	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R877	BIRC1520105A005	C RESISTOR	1.5KΩ 1/10W	
R878	BIRC2200105A005	C RESISTOR	22Ω 1/10W	
R879	BIRC2200105A005	C RESISTOR	22Ω 1/10W	
R880	BIRC1050105A005	C RESISTOR	1MΩ 1/10W	
R891	BIRC6800105A005	C RESISTOR	68Ω 1/10W	
R892	BIRC6800105A005	C RESISTOR	68Ω 1/10W	
R893	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R896	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
VR801	BI804401V	ROTARY SW	RE012307PVB30	
L871	BI18A843556N000	FILTER BEAD	843556 TB36	
L872	BI26BLM21BA000	COIL	BLM21B272S	
L873	BI18A843556N000	FILTER BEAD	843556 TB36	
L874	BI26BLM21BA000	COIL	BLM21B272S	
L875	BI18A843556N000	FILTER BEAD	843556 TB36	
L881	BI26BLM21BA000	COIL	BLM21B272S	
L882	BI26BLM21BA000	COIL	BLM21B272S	
L883	BI26BLM21BA000	COIL	BLM21B272S	
L885	BI26BLM21BA000	COIL	BLM21B272S	
L886	BI26BLM21PGA002	COIL	BLM21PG221SN1D	
L891	BI18A843556N000	FILTER BEAD	843556 TB36	
CN801	BI12S200012V	CONNECTOR	20P	
CW861	BI12P70097V	CONNECTOR ASSY	7P P=2.0mm L=38	
CW891	BI12P402341V	CONNECTOR	ASSY 4P PLUG	
JK860	BI23B1541V	USB TERMINAL	4P	
JK861	BI23B0293V	HEADPHONE JACK	PJ-310HB	
JK891	BI23B0293V	HEADPHONE JACK	PJ-310HB	
JR801	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
JR862	BIRC2200105A005	C RESISTOR	22Ω 1/10W	
JR863	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
JR864	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
JR865	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
LCD801	BI2702181V	LCD DISPLAY	TCM-4216	
LD801	BI28B4541EP011V	LED	RED	
LD802	BI680FSGD705	LED	BLUE	
LD805	BI2801181V	LED	BLUE COLOR	
S801	BI8EVQ11G05P015	SWITCH		
S802	BI8EVQ11G05P015	SWITCH		
S803	BI8EVQ11G05P015	SWITCH		
S804	BI8EVQ11G05P015	SWITCH		
S805	BI8EVQ11G05P015	SWITCH		
S806	BI8EVQ11G05P015	SWITCH		
S807	BI8EVQ11G05P015	SWITCH		
S811	BI8EVQ11G05P015	SWITCH		
S812	BI8EVQ11G05P015	SWITCH		
S813	BI8EVQ11G05P015	SWITCH		
S814	BI8EVQ11G05P015	SWITCH		
S815	BI8EVQ11G05P015	SWITCH		
S816	BI8EVQ11G05P015	SWITCH		
S817	BI8EVQ11G05P015	SWITCH		
S821	BI8EVQ11G05P015	SWITCH		
S822	BI8EVQ11G05P015	SWITCH		
S823	BI8EVQ11G05P015	SWITCH		
S824	BI8EVQ11G05P015	SWITCH		
S825	BI8EVQ11G05P015	SWITCH		
S826	BI8EVQ11G05P015	SWITCH		
S827	BI8EVQ11G05P015	SWITCH		
X861	BI2102391V	CRYSTAL	12MHz	

AMP board

Block No. [0][3]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC101	KIA7812API	IC	BI110841V	
IC102	7912	IC	BI113051V	
IC103	KIA7809API	IC	BI111971V	
IC104	KIA7809AP	IC	BI118361V	
IC105	AMS1117-3.3	IC	BI111501V	
IC201	STK403-090-E	IC	BI118401V	
Q101	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q103	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q111	KTC3875	TRANSISTOR	BI2KTC3875YA014	
Q112	KRA107S	TRANSISTOR	BI2KRA107SA0000	
Q161	KTA1273Y	TRANSISTOR	BI2KTA1273YP000	
Q162	KTC3875	TRANSISTOR	BI2KTC3875YA014	
Q201	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q221	2SA1235F	TRANSISTOR	BI2SA1235FA012V	
Q222	2SA1235F	TRANSISTOR	BI2SA1235FA012V	
Q223	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q224	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q225	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q226	DTC114TK	TRANSISTOR	BI2DTC114TKA011	
Q227	DTC323TK	DIGI TRANSISTOR	BI2DTC323TKA011	
Q228	DTC323TK	DIGI TRANSISTOR	BI2DTC323TKA011	
Q229	KRA107S	TRANSISTOR	BI2KRA107SA0000	
Q230	DTC143TKA	TRANSISTOR	BI2DTC143TKA018	
Q231	KRA107S	TRANSISTOR	BI2KRA107SA0000	
Q233	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q234	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q235	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q291	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q292	KTA1273Y	TRANSISTOR	BI2KTA1273YP000	
D101	1N4002	DIODE	BI31N4002-5	
D102	1SS133	FR DIODE	BI31SS133N0007	
D105	1SS133	FR DIODE	BI31SS133N0007	
D106	1SS133	FR DIODE	BI31SS133N0007	
D107	1SS133	FR DIODE	BI31SS133N000V7	
D130	1N4002	DIODE	BI31N4002-5	
D135	1SS133	FR DIODE	BI31SS133N000V7	
D141	UZ5.1BSB	Z DIODE	BI3UZ5.1BSBM000	
D142	1SS133	FR DIODE	BI31SS133N000V7	
D161	1SS133	FR DIODE	BI31SS133N0007	
D162	1SS133	FR DIODE	BI31SS133N0007	
D163	1SS133	FR DIODE	BI31SS133N0007	
D170	1SS133	FR DIODE	BI31SS133N000V7	
D209	1SS133	FR DIODE	BI31SS133N0007	
D210	1SS133	FR DIODE	BI31SS133N0007	
D213	1SS133	FR DIODE	BI31SS133N0007	
D214	1SS133	FR DIODE	BI31SS133N0007	
D215	1SS133	FR DIODE	BI31SS133N0007	
D216	1SS133	FR DIODE	BI31SS133N000V7	
D218	1SS133	FR DIODE	BI31SS133N0007	
D219	1SS133	FR DIODE	BI31SS133N0007	
D220	1SS133	FR DIODE	BI31SS133N0007	
D226	1N4002	DIODE	BI31N4002-5	
D291	1SS133	FR DIODE	BI31SS133N0007	
D292	MC2838	DIODE	BI3MC2838A002VH	
C105	BICE477250MP015	E CAPACITOR	470uF 25V	
C106	BICE107250MP015	E CAPACITOR	100uF 25V	
C107	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C108	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C109	BICE108160MP015	E CAPACITOR	1000uF 16V	
C110	BICC103500KA042	C CAPACITOR	0.01uF	
C111	BICE22816M1Y	E CAPACITOR	2200uF 10V	
C112	BICC103500KA042	C CAPACITOR	0.01uF	
C113	BICE22816M1Y	E CAPACITOR	2200uF 10V	
C114	BICC103500KA042	C CAPACITOR	0.01uF	
C115	BICE477160MP015	E CAPACITOR	470uF 16V	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C116	BICE105500MP015	E CAPACITOR	1uF 50V	
C125	BICE107250MP015	E CAPACITOR	100uF 25V	
C161	BICE107160MP015	E CAPACITOR	100uF 16V	
C162	BICE107160MP015	E CAPACITOR	100uF 16V	
C163	BICE107250MP015	E CAPACITOR	100uF 25V	
C164	BICE107100MP015	E CAPACITOR	100uF 10V	
C201	BICE475500MP015	E CAPACITOR	4.7uF 50V	
C202	BICE475500MP015	E CAPACITOR	4.7uF 50V	
C203	BICE475500MP015	E CAPACITOR	4.7uF 50V	
C204	BICE475500MP015	E CAPACITOR	4.7uF 50V	
C205	BICC122500KA042	C CAPACITOR	1200pF 50V	
C206	BICC122500KA042	C CAPACITOR	1200pF 50V	
C209	BICC030500CA041	C CAPACITOR	3pF 50V	
C210	BICC030500CA041	C CAPACITOR	3pF 50V	
C211	BICC101500JA041	C CAPACITOR	100pF	
C212	BICC101500JA041	C CAPACITOR	100pF	
C213	BICE107250MP015	E CAPACITOR	100uF 25V	
C214	BICE107250MP015	E CAPACITOR	100uF 25V	
C215	BICE107500MP015	E CAPACITOR	100uF	
C216	BICE477500MP015	E CAPACITOR	470uF 50V	
C220	BICC151500JA041	C CAPACITOR	150pF	
C223	BICM473101JP015	M CAPACITOR	0.047uF 100V	
C224	BICM473101JP015	M CAPACITOR	0.047uF 100V	
C227	BICE475500MP015	E CAPACITOR	4.7uF 50V	
C228	BICE105500MP015	E CAPACITOR	1uF 50V	
C229	BICE475500MP015	E CAPACITOR	4.7uF 50V	
C230	BICE227063MP015	E CAPACITOR	220uF 6.3V	
C232	BICE226500MP015	E CAPACITOR	22uF 50V	
C233	BICE476160MP015	E CAPACITOR	47uF 16V	
C234	BICE106500MP015	E CAPACITOR	10uF 50V	
C291	BICE105500MP015	E CAPACITOR	1uF 50V	
C292	BICE107100MP015	E CAPACITOR	100uF 10V	
C293	BICE107100MP015	E CAPACITOR	100uF 10V	
C295	BICE476160MP015	E CAPACITOR	47uF 16V	
R101	BIRC3330105A005	C RESISTOR	33KΩ 1/10W	
R102	BIRC3330105A005	C RESISTOR	33KΩ 1/10W	
R103	BIRC2730085N000	C RESISTOR	27KΩ 1/8W	
R104	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R105	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R106	BIRC2210085N000	C RESISTOR	220Ω	
R109	BIRC6810105A005	C RESISTOR	680Ω 1/10W	
R110	BIRC2730085N000	C RESISTOR	27KΩ 1/8W	
R161	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R162	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R163	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R164	BIRC0220105A005	C RESISTOR	2.2Ω 1/10W	
R165	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R166	BIRC4710105A005	C RESISTOR	470Ω 1/10W	
R167	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R168	BIRC3300045M000	C RESISTOR	33Ω 1/4W	
R169	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R185	BIRC5600105A005	C RESISTOR	56Ω 1/10W	
R194	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
R199	BIRC2240105A005	C RESISTOR	220KΩ 1/10W	
R201	BIRC1030085N000	C RESISTOR	10KΩ 1/8W	
R202	BIRC1030085M000	C RESISTOR	10KΩ 1/8W	
R203	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R204	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R205	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R206	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R207	BIRC2220085M000	C RESISTOR	2.2KΩ	
R208	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R209	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R210	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R211	BIRC2730105A005	C RESISTOR	27KΩ 1/10W	
R212	BIRC2730105A005	C RESISTOR	27KΩ 1/10W	
R213	BIRC2230105A005	C RESISTOR	22KΩ 1/10W	
R214	BIRC2230105A005	C RESISTOR	22KΩ 1/10W	
R215	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
R216	BIRC0000105A005	C RESISTOR	0Ω 1/16W	
R217	BIRC6810105A005	C RESISTOR	680Ω 1/10W	
R218	BIRC6810105A005	C RESISTOR	680Ω 1/10W	
R219	BIRM1010N15N000	M RESISTOR	100Ω 1W	
R220	BIRM1010N15N000	M RESISTOR	100Ω 1W	
R230	BIRC1030085M000	C RESISTOR	10KΩ 1/8W	
R245	BIRM0022N25N000	M RESISTOR	0.22Ω 2W	
R246	BIRM0022N25N000	M RESISTOR	0.22Ω 2W	
R249	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R250	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R253	BIRC1530105A005	C RESISTOR	15KΩ 1/10W	
R254	BIRC1530105A005	C RESISTOR	15KΩ 1/10W	
R255	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R256	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R257	BIRC1000085M000	C RESISTOR	10Ω 1/8W	
R258	BIRC1000085M000	C RESISTOR	10Ω 1/8W	
R259	BIRC1000085M000	C RESISTOR	10Ω 1/8W	
R260	BIRC1000085M000	C RESISTOR	10Ω 1/8W	
R261	BIRC1000045M000	C RESISTOR	10Ω 1/4W	
R262	BIRC1000045M000	C RESISTOR	10Ω 1/4W	
R263	BIRC1000045M000	C RESISTOR	10Ω 1/4W	
R264	BIRC1000045M000	C RESISTOR	10Ω 1/4W	
R265	BIRM1020N25N000	M RESISTOR	1KΩ 2W	
R266	BIRM1020N25N000	M RESISTOR	1KΩ 2W	
R267	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R268	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R269	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R270	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R273	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R274	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R275	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R276	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R278	BIRC4710105A005	C RESISTOR	470Ω 1/10W	
R279	BIRC4740105A005	C RESISTOR	470KΩ 1/10W	
R280	BIRC3920105A005	C RESISTOR	3.9KΩ 1/10W	
R281	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R284	BIRC4740105A005	C RESISTOR	470KΩ 1/10W	
R285	BIRC2730105A005	C RESISTOR	27KΩ 1/10W	
R286	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R289	BIRC1030085M000	C RESISTOR	10KΩ 1/8W	
R290	BIRC2220085M000	C RESISTOR	2.2KΩ	
R291	BIRC1500105A005	C RESISTOR	15Ω 1/10W	
R292	BIRC1000105A005	C RESISTOR	10Ω 1/10W	
R293	BIRC4730105A005	C RESISTOR	47KΩ 1/10W	
R294	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R295	BIRC0220045M000	C RESISTOR	2.2Ω 1/4W	
R297	BIRC4710105A005	C RESISTOR	470Ω 1/10W	
R298	BIRC3330105A005	C RESISTOR	33KΩ 1/10W	
R299	BIRC3330105A005	C RESISTOR	33KΩ 1/10W	
L201	BI2600702V	CHOKE COIL	1uH	
L202	BI2600702V	CHOKE COIL	1uH	
CN101	BI12S150026V	CONNECTOR	board to board	
CN102	BI12S80059V	CONNECTOR	board to board	
CN104	BI12S120050V	CONNECTOR	board to board	
CN105	BI12S80059V	CONNECTOR	board to board	
CN201	BI12S150029V	CONNECTOR	15P	
CN202	BI12S40080V	CONNECTOR	4P V	
CN205	BI12S200801V	CONNECTOR	2P V	
CN210	BI12S40083V	CONNECTOR	4P	
RY201	BI8RL00191V	RELAY	DC12V ME-7C-012-3H	
XXXXX	BI251389G01V	AMP PCB		

Power trans board

Block No. [0][4]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC901	UA7805C	IC	BI117381V	
Q901	2SC1815GR	TRANSISTOR	BI2SC1815GRP000	
Q902	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q922	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q950	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q951	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	

⚠ Symbol No.	Part No.	Part Name	Description	Local
Q952	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q953	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q954	KTA1266GR	TRANSISTOR	BI2KTA1266GP000	
Q9212	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
D901	1N4002	DIODE	BI31N4002M000	
D902	1N4002	DIODE	BI31N4002M000	
D903	1N4002	DIODE	BI31N4002M000	
D904	1N4002	DIODE	BI31N4002M000	
D905	1N4002	DIODE	BI31N4002M000	
D906	UZ3.6BSB	Z DIODE	BI3UZ3.6BSBM000	
D907	1N4002	DIODE	BI31N4002M000	
D921	1SS133	FR DIODE	BI31SS133M000	
D930	1N5402GW	DIODE	BI31N5402GW2V	
D931	1N5402GW	DIODE	BI31N5402GW2V	
D932	1N5402GW	DIODE	BI31N5402GW2V	
D933	1N5402GW	DIODE	BI31N5402GW2V	
D934	1N5402GW	DIODE	BI31N5402GW2V	
D935	1N5402GW	DIODE	BI31N5402GW2V	
D936	1N5402GW	DIODE	BI31N5402GW2V	
D937	1N5402GW	DIODE	BI31N5402GW2V	
D938	RS402M	SELEN RECTIFIER	BI3RS402M1	
D951	1SS133	FR DIODE	BI31SS133M000	
D952	1SS133	FR DIODE	BI31SS133M000	
D953	1SS133	FR DIODE	BI31SS133M000	
D954	1SS133	FR DIODE	BI31SS133M000	
D955	1SS133	FR DIODE	BI31SS133M000	
D956	1SS133	FR DIODE	BI31SS133M000	
C901	BICH472500KM019	C CAPACITOR	4700pF 50V	
C902	BICE477250MP015	E CAPACITOR	470uF 25V	
C903	BICH104500KM019	C CAPACITOR	0.1uF	
C904	BICE107100MP015	E CAPACITOR	100uF 10V	
C905	BICH103500KM019	C CAPACITOR	0.01uF 50V	
C906	BICE106500MP015	E CAPACITOR	10uF 50V	
C920	BICE107250MP015	E CAPACITOR	100uF 25V	
C931	BICH104500KM019	C CAPACITOR	0.1uF	
C932	BICH104500KM019	C CAPACITOR	0.1uF	
C933	BICH104500KM019	C CAPACITOR	0.1uF	
C934	BICE47825M6Y1	E CAPACITOR	4700uF 25V	
C935	BICH104500KM019	C CAPACITOR	0.1uF	
C936	BICH104500KM019	C CAPACITOR	0.1uF	
C937	BICH104500KM019	C CAPACITOR	0.1uF	
C938	BICE477350MP015	E CAPACITOR	470uF 35V	
C939	BICH104500KM019	C CAPACITOR	0.1uF	
C940	BICE22835MSNY1	E CAPACITOR	2200uF 35V	
C941	BICH104500KM019	C CAPACITOR	0.1uF	
C942	BICM682101JP015	M CAPACITOR	6800pF 100V	
C943	BICM682101JP015	M CAPACITOR	6800pF 100V	
C944	BICE33856M1Y	E CAPACITOR	3300uF 56V	
C945	BICE33856M1Y	E CAPACITOR	3300uF 56V	
C946	BICM682101JP015	M CAPACITOR	6800pF 100V	
C947	BICM682101JP015	M CAPACITOR	6800pF 100V	
C950	BICE475500MP015	E CAPACITOR	4.7uF 50V	
C951	BICE475500MP015	E CAPACITOR	4.7uF 50V	
R901	BIRC1220085M000	C RESISTOR	1.2 KΩ 1/8W	
R902	BIRC4720085M000	C RESISTOR	4.7KΩ 1/8W	
R903	BIRC3300085M000	C RESISTOR	33Ω 1/8W	
R904	BIRC1000085M000	C RESISTOR	10Ω 1/8W	
R906	BIRC1810085M000	C RESISTOR	180Ω 1/8W	
R907	BIRC1520085M000	C RESISTOR	1.5 KΩ 1/8W	
R908	BIRC2220085M000	C RESISTOR	2.2KΩ	
R920	BIRC2230085M000	C RESISTOR	22KΩ 1/8W	
R921	BIRC2230085M000	C RESISTOR	22KΩ 1/8W	
R922	BIRC2230085M000	C RESISTOR	22KΩ 1/8W	
R923	BIRC2230085M000	C RESISTOR	22KΩ 1/8W	
R924	BIRC2220085M000	C RESISTOR	2.2KΩ	
R925	BIRC4710085M000	C RESISTOR	470Ω 1/8W	
R950	BIRC3930085M000	C RESISTOR	39KΩ 1/8W	
R951	BIRC3930085M000	C RESISTOR	39KΩ 1/8W	
R952	BIRC1030085M000	C RESISTOR	10KΩ 1/8W	
R953	BIRC3930085M000	C RESISTOR	39KΩ 1/8W	
R954	BIRC3930085M000	C RESISTOR	39KΩ 1/8W	
R955	BIRC3930085M000	C RESISTOR	39KΩ 1/8W	
R956	BIRC2230085M000	C RESISTOR	22KΩ 1/8W	
R957	BIRC4730085M000	C RESISTOR	47KΩ 1/8W	
R958	BIRC2730085M000	C RESISTOR	27KΩ 1/8W	
⚠ L901	BI2601102V	LINE FILTER WIRE		
CLP901	BI11A050M0Y	BLACK WIRE	50mm UL1007	
CLP902	BI11A050M0Y	BLACK WIRE	50mm UL1007	
⚠ CN901	BI12S200691V	CONNECTOR	2P P=3.96mm	
⚠ CN902	BI12S200691V	CONNECTOR	2P P=3.96mm	
⚠ CN905	BI12S80060V	SOCKET CONNECTOR	8P	
CN906	BI12S120051V	CONNECTOR	board to board	
CN907	BI12S150025V	CONNECTOR	board to board	
⚠ PR902	BI47001125N000V2	FUSE PROTECTOR	7A 125V	
⚠ PR903	BI47001125N000V2	FUSE PROTECTOR	7A 125V	
⚠ PT901	BI211041007001W0	POWER TRANS	120V	
⚠ RY901	BI8RL00171V	RELAY	DC9V 250mW	
XXXXX	BI251388G01V	POWER TRANS PCB		

Wiring

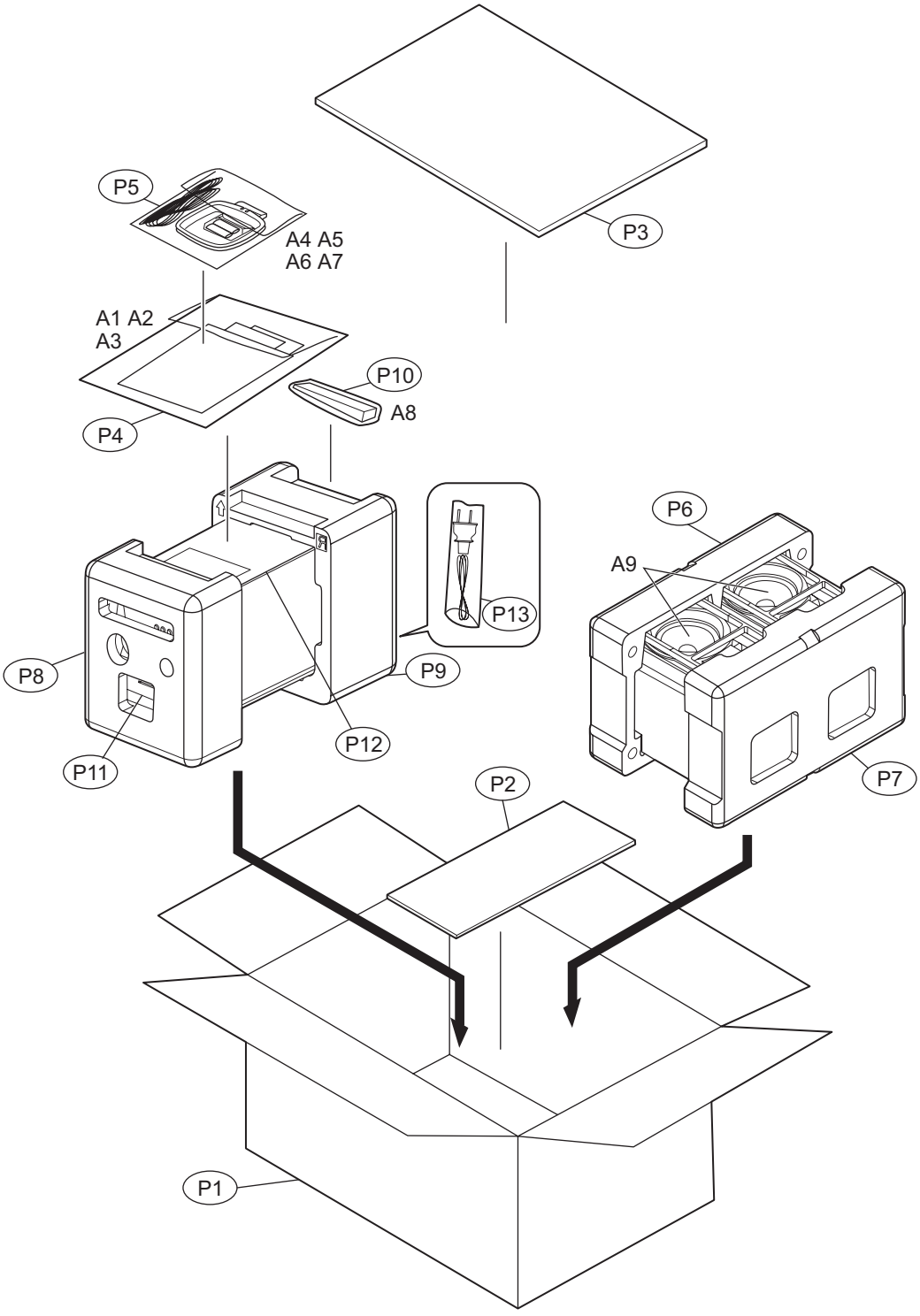
Block No. [0][5]

⚠ Symbol No.	Part No.	Part Name	Description	Local
XXXXX	BI1206691V	FF CABLE	28P	
XXXXX	BI1206701V	FF CABLE	10P	
XXXXX	BI1206901V	FF CABLE	11P	
XXXXX	BI1206971V	FFC CABLE	20P	

Packing materials and accessories parts list

Block No. M 3 M M

No additional / supplemental order of WARRANTY CARDs are available.



Packing and Accessories

Block No. [M][3][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	A 1	BI440001542000W	INST BOOK	ENG FRE LVT1348-002A	C
	A 1	BI440001505001W	INST BOOK	ENG LVT1348-001C	J
	A 2	BI4000132820020	GRANTIE CARD	BT-52006-2	C
	A 2	----------	WARRANTY CARD	BT-51034-2	J
	A 3	BI400023260002W	SAFETY CARD		
	A 4	----------	BATTERY	(x2)	
	A 5	BIAN01031V	AM LOOP ANT		
	A 6	BIAN01022V	FM ANT WIRE		
	A 7	BI11F1500SA03V	VIDEO LINE CORD		
	A 8	BI600GD705SV0	REMOTE CONTROL		
	A 9	BI644FSGD7205SV	SPEAKER BOX	(x2)	
	P 1	BI430001810001W	CARTON		
	P 2	BI420011041000	CARTON SPACER		
	P 3	BI420011042000	CARTON SPACER		
	P 4	BI470011031001W	POLY BAG	I/B	
	P 5	BI470011057001W	POLY BAG	ANT LOOP	
	P 6	BI450012010000W	CUSHION TOP	Speaker Box	
	P 7	BI450012011000W	CUSHION BOTTOM	Speaker Box	
	P 8	BI450012025000W	CUSHION FRONT	UNIT	
	P 9	BI450012026000W	CUSHION REAR	UNIT	
	P 10	BI4005355	POLY BAG		
	P 11	BI450011134000W	SHEET CROTH	UNIT	
	P 12	BI450032001000W	PROTECT SHEET	UNIT	
	P 13	BI470011067001W	POLY BAG	For AC Cord	